H. R. 848

To amend the Internal Revenue Code of 1986 to provide incentives for renewable energy and energy efficiency, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

February 4, 2021

Mr. Thompson of California (for himself, Mr. Neal, Mr. Doggett, Mr. Larson of Connecticut, Mr. Blumenauer, Mr. Kind, Mr. Pascrell, Mr. Danny K. Davis of Illinois, Ms. Sánchez, Mr. Higgins of New York, Ms. Sewell, Ms. Delbene, Ms. Chu, Ms. Moore of Wisconsin, Mr. Kildee, Mr. Brendan F. Boyle of Pennsylvania, Mr. Beyer, Mr. Evans, Mr. Schneider, Mr. Suozzi, Mr. Panetta, Mrs. Murphy of Florida, Mr. Gomez, Mr. Horsford, Ms. Plaskett, Mr. Michael F. Doyle of Pennsylvania, Ms. Matsui, Ms. Bonamici, Ms. Brownley, Mr. Connolly, Mr. Welch, Ms. Eshoo, Mr. Crist, Mr. Levin of California, and Mr. Cohen) introduced the following bill; which was referred to the Committee on Ways and Means

A BILL

To amend the Internal Revenue Code of 1986 to provide incentives for renewable energy and energy efficiency, and for other purposes.

- 1 Be it enacted by the Senate and House of Representa-
- 2 tives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE; TABLE OF CONTENTS.

- 2 (a) Short Title.—This Act may be cited as the
- 3 "Growing Renewable Energy and Efficiency Now Act of
- 4 2021" or the "GREEN Act of 2021".
- 5 (b) Amendment of 1986 Code.—Except as other-
- 6 wise expressly provided, whenever in this Act an amend-
- 7 ment or repeal is expressed in terms of an amendment
- 8 to, or repeal of, a section or other provision, the reference
- 9 shall be considered to be made to a section or other provi-
- 10 sion of the Internal Revenue Code of 1986.
- 11 (c) Table of Contents.—The table of contents for
- 12 this Act is as follows:
 - Sec. 1. Short title; table of contents.

TITLE I—RENEWABLE ELECTRICITY AND REDUCING CARBON EMISSIONS

- Sec. 101. Extension of credit for electricity produced from certain renewable resources.
- Sec. 102. Extension and modification of energy credit.
- Sec. 103. Extension of credit for carbon oxide sequestration.
- Sec. 104. Elective payment for energy property and electricity produced from certain renewable resources, etc.
- Sec. 105. Green energy publicly traded partnerships.

TITLE II—RENEWABLE FUELS

- Sec. 201. Biodiesel and renewable diesel.
- Sec. 202. Extension of excise tax credits relating to alternative fuels.
- Sec. 203. Extension of second generation biofuel incentives.

TITLE III—GREEN ENERGY AND EFFICIENCY INCENTIVES FOR INDIVIDUALS

- Sec. 301. Extension, increase, and modifications of nonbusiness energy property credit.
- Sec. 302. Residential energy efficient property.
- Sec. 303. Energy efficient commercial buildings deduction.
- Sec. 304. Extension, increase, and modifications of new energy efficient home
- Sec. 305. Modifications to income exclusion for conservation subsidies.

TITLE IV—GREENING THE FLEET AND ALTERNATIVE VEHICLES

- Sec. 401. Modification of limitations on new qualified plug-in electric drive motor vehicle credit.
- Sec. 402. Credit for previously-owned qualified plug-in electric drive motor vehicles.
- Sec. 403. Credit for zero-emission heavy vehicles and zero-emission buses.
- Sec. 404. Qualified fuel cell motor vehicles.
- Sec. 405. Alternative fuel refueling property credit.
- Sec. 406. Modification of employer-provided fringe benefits for bicycle commuting.

TITLE V—INVESTMENT IN THE GREEN WORKFORCE

- Sec. 501. Extension of the advanced energy project credit.
- Sec. 502. Labor costs of installing mechanical insulation property.
- Sec. 503. Labor standards for certain energy jobs.

TITLE VI—ENVIRONMENTAL JUSTICE

Sec. 601. Qualified environmental justice program credit.

TITLE VII—TREASURY REPORT ON DATA FROM THE GREENHOUSE GAS REPORTING PROGRAM

Sec. 701. Report on Greenhouse Gas Reporting Program.

1 TITLE I—RENEWABLE ELEC-

2 TRICITY AND REDUCING CAR-

3 **BON EMISSIONS**

- 4 SEC. 101. EXTENSION OF CREDIT FOR ELECTRICITY PRO-
- 5 DUCED FROM CERTAIN RENEWABLE RE-
- 6 SOURCES.
- 7 (a) In General.—The following provisions of sec-
- 8 tion 45(d) are each amended by striking "January 1,
- 9 2022" each place it appears and inserting "January 1,
- 10 2027":
- 11 (1) Paragraph (2)(A).
- 12 (2) Paragraph (3)(A).
- (3) Paragraph (6).
- 14 (4) Paragraph (7).
- 15 (5) Paragraph (9).

1	(6) Paragraph (11)(B).
2	(b) Extension of Election To Treat Qualified
3	Facilities as Energy Property.—Section
4	48(a)(5)(C)(ii) is amended by striking "January 1, 2022"
5	and inserting "January 1, 2027".
6	(e) Application of Extension to Wind Facili-
7	TIES.—
8	(1) In general.—Section 45(d)(1) is amended
9	by striking "January 1, 2022" and inserting "Janu-
10	ary 1, 2027".
11	(2) Application of phaseout percent-
12	AGE.—
13	(A) Renewable electricity produc-
14	TION CREDIT.—Sections 45(b)(5)(D) is amend-
15	ed by striking "and before January 1, 2022,".
16	(B) Energy credit.—Section
17	48(a)(5)(E)(iv) is amended by striking "and be-
18	fore January 1, 2022,".
19	(3) Qualified offshore wind facilities
20	UNDER ENERGY CREDIT.—Section 48(a)(5)(F)(i) is
21	amended by striking "offshore wind facility—" and
22	all that follows and inserting the following: "offshore
23	wind facility, subparagraph (E) shall not apply.".

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1
        (d) Effective Date.—The amendments made by
 2
   this section shall apply to facilities the construction of
 3
   which begins after December 31, 2021.
   SEC. 102. EXTENSION AND MODIFICATION OF ENERGY
 5
                CREDIT.
 6
        (a) Extension of Credit.—The following provi-
    sions of section 48 are each amended by striking "January
 8
    1, 2024" each place it appears and inserting "January
 9
    1, 2028":
10
             (1) Subsection (a)(3)(A)(ii).
11
             (2) Subsection (a)(3)(A)(vii).
12
             (3) Subsection (c)(1)(D).
13
             (4) Subsection (c)(2)(D).
14
             (5) Subsection (c)(3)(A)(iv).
15
             (6) Subsection (c)(4)(C).
16
        (b) Phaseout of Credit.—Section 48(a) is amend-
   ed—
17
18
             (1) by striking "after December 31, 2019, and
19
        before January 1, 2023" in paragraphs (6)(A)(i)
20
        and (7)(A)(i) and inserting "after December 31,
21
        2019, and before January 1, 2021, or begins after
22
        December 31, 2026, and before January 1, 2028",
23
             (2) by striking "after December 31, 2022, and
        before January 1, 2024" in paragraphs (6)(A)(ii)
24
```

1	and (7)(A)(ii) and inserting "after December 31,
2	2027, and before January 1, 2029",
3	(3) by striking "before January 1, 2024" in
4	paragraphs (6)(A) (in the matter preceding clause
5	(i) thereof) and (6)(B) and inserting "before Janu-
6	ary 1, 2029", and
7	(4) by striking "before January 1, 2026" in
8	paragraphs (6)(B) and (7)(B) and inserting "before
9	January 1, 2031".
10	(c) 30 Percent Credit for Solar and Geo-
11	THERMAL.—
12	(1) EXTENSION FOR SOLAR.—Section
13	48(a)(2)(A)(i)(II) is amended by striking "January
14	1, 2024" and inserting "January 1, 2029".
15	(2) Application to geothermal.—
16	(A) IN GENERAL.—Paragraphs
17	(2)(A)(i)(II), $(6)(A)$, and $(6)(B)$ of section
18	48(a) are each amended by striking "paragraph
19	(3)(A)(i)" and inserting "clause (i) or (iii) of
20	paragraph (3)(A)".
21	(B) Conforming Amendment.—The
22	heading of section 48(a)(6) is amended by in-
23	serting "AND GEOTHERMAL" after "SOLAR EN-
24	ERGY".

1	(d) Energy Storage Technologies; Qualified
2	BIOGAS PROPERTY; EXTENSION OF WASTE ENERGY RE-
3	COVERY PROPERTY.—
4	(1) In General.—Section 48(a)(3)(A) is
5	amended by striking "or" at the end of clause (vii),
6	and by adding at the end the following new clauses:
7	"(viii) energy storage technology, or
8	"(ix) qualified biogas property,".
9	(2) Application of 30 percent credit.—
10	Section 48(a)(2)(A)(i) is amended by striking "and"
11	at the end of subclauses (IV) and (V) and adding at
12	the end the following new subclauses:
13	"(VI) energy storage technology,
14	and
15	"(VII) qualified biogas property,
16	and".
17	(3) Application of Phaseout.—Section
18	48(a)(7) is amended by inserting "energy storage
19	technology, qualified biogas property," after "waste
20	energy recovery property,".
21	(4) Definitions.—Section 48(c) is amended
22	by adding at the end the following new paragraphs:
23	"(6) Energy storage technology.—
24	"(A) In General.—The term 'energy
25	storage technology' means equipment (other

1	than equipment primarily used in the transpor-
2	tation of goods or individuals and not for the
3	production of electricity) which—
4	"(i) uses batteries, compressed air,
5	pumped hydropower, hydrogen storage (in-
6	cluding hydrolysis and electrolysis), ther-
7	mal energy storage, regenerative fuel cells,
8	flywheels, capacitors, superconducting
9	magnets, or other technologies identified
10	by the Secretary, after consultation with
11	the Secretary of Energy, to store energy
12	for conversion to electricity and has a ca-
13	pacity of not less than 5 kilowatt hours, or
14	"(ii) stores thermal energy to heat or
15	cool (or provide hot water for use in) a
16	structure (other than for use in a swim-
17	ming pool).
18	"(B) TERMINATION.—The term 'energy
19	storage technology' shall not include any prop-
20	erty the construction of which does not begin
21	before January 1, 2029.
22	"(7) Qualified biogas property.—
23	"(A) IN GENERAL.—The term 'qualified
24	biogas property' means property comprising a
25	system which—

1	"(i) converts biomass (as defined in
2	section 45K(c)(3)) into a gas which—
3	"(I) consists of not less than 52
4	percent methane, or
5	"(II) is concentrated by such sys-
6	tem into a gas which consists of not
7	less than 52 percent methane, and
8	"(ii) captures such gas for productive
9	use.
10	"(B) Inclusion of cleaning and con-
11	DITIONING PROPERTY.—The term 'qualified
12	biogas property' includes any property which is
13	part of such system which cleans or conditions
14	such gas.
15	"(C) TERMINATION.—The term 'qualified
16	biogas property' shall not include any property
17	the construction of which does not begin before
18	January 1, 2029.".
19	(5) Denial of double benefit for quali-
20	FIED BIOGAS PROPERTY.—Section 45(e) is amended
21	by adding at the end the following new paragraph:
22	"(12) Coordination with energy credit
23	FOR QUALIFIED BIOGAS PROPERTY.—The term
24	'qualified facility' shall not include any facility which
25	produces electricity from gas produced by qualified

1	biogas property (as defined in section $48(c)(7)$) if a
2	credit is determined under section 48 with respect to
3	such property for the taxable year or any prior tax-
4	able year.".
5	(6) Extension of waste energy recovery
6	PROPERTY.—Section $48(c)(5)(D)$ is amended by
7	striking "January 1, 2024" and inserting "January
8	1, 2029".
9	(e) Fuel Cells Using Electromechanical
10	Processes.—
11	(1) In general.—Section 48(c)(1) is amend-
12	ed —
13	(A) in subparagraph (A)(i)—
14	(i) by inserting "or electromechanical"
15	after "electrochemical", and
16	(ii) by inserting "(1 kilowatts in the
17	case of a fuel cell power plant with a linear
18	generator assembly)" after "0.5 kilowatt",
19	and
20	(B) in subparagraph (C)—
21	(i) by inserting ", or linear generator
22	assembly," after "a fuel cell stack assem-
23	bly", and
24	(ii) by inserting "or
25	electromechanical" after "electrochemical"

- 1 (2) Linear Generator assembly limita-2 tion.—Section 48(c)(1) is amended by redesig-3 nating subparagraph (D) as subparagraph (E) and 4 by inserting after subparagraph (C) the following 5 new subparagraph:
- 6 "(D) LINEAR GENERATOR ASSEMBLY.—
 7 The term 'linear generator assembly' does not
 8 include any assembly which contains rotating
 9 parts.".
- 10 (f) Effective Date.—The amendments made by
- 11 this section shall apply to periods after December 31,
- 12 2021, under rules similar to the rules of section 48(m)
- 13 as in effect on the day before the date of the enactment
- 14 of the Revenue Reconciliation Act of 1990.
- 15 SEC. 103. EXTENSION OF CREDIT FOR CARBON OXIDE SE-
- 16 QUESTRATION.
- 17 (a) In General.—Section 45Q(d)(1) is amended by
- 18 striking "January 1, 2026" and inserting "January 1,
- 19 2027".
- (b) Effective Date.—The amendment made by
- 21 this section applies to facilities the construction of which
- 22 begins after December 31, 2025.

1	SEC. 104. ELECTIVE PAYMENT FOR ENERGY PROPERTY
2	AND ELECTRICITY PRODUCED FROM CER-
3	TAIN RENEWABLE RESOURCES, ETC.
4	(a) In General.—Subchapter B of chapter 65 is
5	amended by adding at the end the following new section:
6	"SEC. 6431. ELECTIVE PAYMENT FOR ENERGY PROPERTY,
7	ELECTRICITY PRODUCED FROM CERTAIN RE-
8	NEWABLE RESOURCES, ETC, AND CARBON
9	OXIDE SEQUESTRATION.
10	"(a) Energy Property.—In the case of a taxpayer
11	making an election (at such time and in such manner as
12	the Secretary may provide) under this section with respect
13	to any portion of an applicable credit, such taxpayer shall
14	be treated as making a payment against the tax imposed
15	by subtitle A for the taxable year equal to—
16	"(1) in the case of an Indian tribal government,
17	the amount of such portion, and
18	"(2) in the case of any other taxpayer, 85 per-
19	cent of such amount.
20	"(b) Definitions and Special Rules.—For pur-
21	poses of this section—
22	"(1) GOVERNMENTAL ENTITIES TREATED AS
23	TAXPAYERS.—In the case of an election under this
24	section—
25	"(A) any State or local government, or a
26	political subdivision thereof, or

1	"(B) an Indian tribal government,
2	shall be treated as a taxpayer for purposes of this
3	section and determining any applicable credit.
4	"(2) Applicable credit.—The term 'applica-
5	ble credit' means each of the following credits that
6	would (without regard to this section) be determined
7	with respect to the taxpayer:
8	"(A) A energy credit under section 48.
9	"(B) A renewable electricity production
10	credit under section 45.
11	"(C) A carbon oxide sequestration credit
12	under section 45Q.
13	"(3) Indian tribal government.—The term
14	'Indian tribal government' shall have the meaning
15	given such term by section 139E.
16	"(4) Timing.—The payment described in sub-
17	paragraph (A) shall be treated as made on—
18	"(A) in the case of any government, or po-
19	litical subdivision, to which paragraph (1) ap-
20	plies and for which no return is required under
21	section 6011 or 6033(a), the later of the date
22	that a return would be due under section
23	6033(a) if such government or subdivision were
24	described in that section or the date on which
25	such government or subdivision submits a claim

- for credit or refund (at such time and in such manner as the Secretary shall provide), and
- 3 "(B) in any other case, the later of the due 4 date of the return of tax for the taxable year
- 5 or the date on which such return is filed.
- 6 "(5) WAIVER OF SPECIAL RULES.—In the case 7 of an election under this section, the determination 8 of any applicable credit shall be without regard to
- 10 "(c) Exclusion From Gross Income.—Gross in-

paragraphs (3) and (4)(A)(i) of section 50(b).

- 11 come of the taxpayer shall be determined without regard
- 12 to this section.

9

- 13 "(d) Denial of Double Benefit.—Solely for pur-
- 14 poses of section 38, in the case of a taxpayer making an
- 15 election under this section, the energy credit determined
- 16 under section 45 or the renewable electricity production
- 17 credit determined under section 48 shall be reduced by
- 18 the amount of the portion of such credit with respect to
- 19 which the taxpayer makes such election.".
- 20 (b) CLERICAL AMENDMENT.—The table of sections
- 21 for subchapter B of chapter 65 is amended by adding at
- 22 the end the following new item:

[&]quot;Sec. 6431. Elective payment for energy property and electricity produced from certain renewable resources, etc.".

1	(c) Effective Date.—The amendments made by
2	this section shall apply to property originally placed in
3	service after the date of the enactment of this Act.
4	SEC. 105. GREEN ENERGY PUBLICLY TRADED PARTNER-
5	SHIPS.
6	(a) In General.—Section 7704(d)(1)(E) is amend-
7	ed—
8	(1) by striking "income and gains derived from
9	the exploration" and inserting "income and gains
10	derived from—
11	"(i) the exploration",
12	(2) by inserting "or" before "industrial
13	source", and
14	(3) by striking ", or the transportation or stor-
15	age" and all that follows and inserting the following:
16	"(ii) the generation of electric power
17	or thermal energy exclusively using any
18	qualified energy resource (as defined in
19	section $45(c)(1)$,
20	"(iii) the operation of energy property
21	(as defined in section 48(a)(3), determined
22	without regard to any date by which the
23	construction of the facility is required to
24	begin),

1	"(iv) in the case of a facility described
2	in paragraph (3) or (7) of section 45(d)
3	(determined without regard to any placed
4	in service date or date by which construc-
5	tion of the facility is required to begin).
6	the accepting or processing of open-loop
7	biomass or municipal solid waste,
8	"(v) the storage of electric power or
9	thermal energy exclusively using energy
10	property that is energy storage property
11	(as defined in section $48(e)(5)$),
12	"(vi) the generation, storage, or dis-
13	tribution of electric power or thermal en-
14	ergy exclusively using energy property that
15	is combined heat and power system prop-
16	erty (as defined in section $48(c)(3)$, deter-
17	mined without regard to subparagraph
18	(B)(iii) thereof and without regard to any
19	date by which the construction of the facil-
20	ity is required to begin),
21	"(vii) the transportation or storage of
22	any fuel described in subsection (b), (c)
23	(d), or (e) of section 6426,
24	"(viii) the conversion of renewable bio-
25	mass (as defined in subparagraph (I) of

section 211(o)(1) of the Clean Air Act (as
in effect on the date of the enactment of
this clause)) into renewable fuel (as de-
fined in subparagraph (J) of such section
as so in effect), or the storage or transpor-
6 tation of such fuel,
7 "(ix) the production, storage, or
8 transportation of any fuel which—
9 "(I) uses as its primary feedstock
0 carbon oxides captured from an an-
1 thropogenic source or the atmosphere,
2 "(II) does not use as its primary
feedstock carbon oxide which is delib-
4 erately released from naturally occur-
5 ring subsurface springs, and
6 "(III) is determined by the Sec-
7 retary, after consultation with the
8 Secretary of Energy and the Adminis-
9 trator of the Environmental Protec-
tion Agency, to achieve a reduction of
not less than a 60 percent in lifecycle
greenhouse gas emissions (as defined
in section 211(o)(1)(H) of the Clean
Air Act, as in effect on the date of the
5 enactment of this clause) compared to

1	baseline lifecycle greenhouse gas emis-
2	sions (as defined in section
3	211(o)(1)(C) of such Act, as so in ef-
4	fect),
5	"(x) the generation of electric power
6	from, a qualifying gasification project (as
7	defined in section 48B(c)(1) without re-
8	gard to subparagraph (C)) that is de-
9	scribed in section 48(d)(1)(B), or
10	"(xi) in the case of a qualified facility
11	(as defined in section 45Q(d), without re-
12	gard to any date by which construction of
13	the facility is required to begin) not less
14	than 50 percent (30 percent in the case of
15	a facility placed in service before January
16	1, 2021) of the total carbon oxide produc-
17	tion of which is qualified carbon oxide (as
18	defined in section $45Q(c)$ —
19	"(I) the generation, availability
20	for such generation, or storage of elec-
21	tric power at such facility, or
22	"(II) the capture of carbon diox-
23	ide by such facility,".

1	(b) Effective Date.—The amendments made by
2	this section apply to taxable years beginning after Decem-
3	ber 31, 2021.
4	TITLE II—RENEWABLE FUELS
5	SEC. 201. BIODIESEL AND RENEWABLE DIESEL.
6	(a) Income Tax Credit.—Section 40A(g) is amend-
7	ed to read as follows:
8	"(g) Phase Out; Termination.—
9	"(1) Phase out.—In the case of any sale or
10	use after December 31, 2022, subsections $(b)(1)(A)$
11	and (b)(2)(A) shall be applied by substituting for
12	'\$1.00'
13	"(A) '\$.75', if such sale or use is before
14	January 1, 2024,
15	"(B) '\$.50', if such sale or use is after De-
16	cember 31, 2023, and before January 1, 2025,
17	and
18	"(C) '\$.33', if such sale or use is after De-
19	cember 31, 2024, and before January 1, 2026.
20	"(2) Termination.—This section shall not
21	apply to any sale or use after December 31, 2025.".
22	(b) Excise Tax Incentives.—
23	(1) Phase out.—Section 6426(c)(2) is amend-
24	ed to read as follows:

1	"(2) APPLICABLE AMOUNT.—For purposes of
2	this subsection, the applicable amount is—
3	"(A) \$1.00 in the case of any sale or use
4	for any period before January 1, 2023,
5	"(B) \$.75 in the case of any sale or use for
6	any period after December 31, 2022, and before
7	January 1, 2024,
8	"(C) \$.50 in the case of any sale or use for
9	any period after December 31, 2023, and before
10	January 1, 2025, and
11	"(D) \$.33 in the case of any sale or use
12	for any period after December 31, 2024, and
13	before January 1, 2026.".
14	(2) Termination.—
15	(A) In General.—Section 6426(c)(6) is
16	amended by striking "December 31, 2022" and
17	inserting "December 31, 2025".
18	(B) Payments.—Section $6427(e)(6)(B)$ is
19	amended by striking "December 31, 2022" and
20	inserting "December 31, 2025".
21	(c) Effective Date.—The amendments made by
22	this section shall apply to fuel sold or used after December
23	31, 2022.

1	SEC. 202. EXTENSION OF EXCISE TAX CREDITS RELATING
2	TO ALTERNATIVE FUELS.
3	(a) Extension and Phaseout of Alternative
4	FUEL CREDIT.—
5	(1) In General.—Section 6426(d)(1) is
6	amended by striking "50 cents" and inserting "the
7	applicable amount".
8	(2) Applicable amount and termination.—
9	Section $6426(d)(5)$ is amended to read as follows:
10	"(5) Phaseout and Termination.—
11	"(A) Phaseout.—For purposes of this
12	subsection, the applicable amount is—
13	"(i) 50 cents in the case of any sale
14	or use for any period before January 1,
15	2023,
16	"(ii) 38 cents in the case of any sale
17	or use for any period after December 31,
18	2022, and before January 1, 2024,
19	"(iii) 25 cents in the case of any sale
20	or use for any period after December 31,
21	2023, and before January 1, 2025, and
22	"(iv) 17 cents in the case of any sale
23	or use for any period after December 31,
24	2024 and before January 1 2026

"(B) TERMINATION.—This 1 subsection 2 shall not apply to any sale or use for any period 3 after December 31, 2025.". (b) ALTERNATIVE FUEL MIXTURE CREDIT.— 4 5 GENERAL.—Section IN 6426(e)(3)amended by striking "December 31, 2021" and in-6 serting "December 31, 2025". 7 8 (2) Phaseout.—Section 6426(e)(1) is amend-9 ed by striking "50 cents" and inserting "the applica-10 ble amount (as defined in subsection (d)(5)(A))". 11 (c) Payments for Alternative Fuels.—Section 12 6427(e)(6)(C) is amended by striking "December 31, 13 2021" and inserting "December 31, 2025". 14 (d) Effective Date.—The amendments made by 15 this section shall apply to fuel sold or used after December 31, 2021. 16 SEC. 203. EXTENSION OF SECOND GENERATION BIOFUEL 18 INCENTIVES. 19 (a) IN GENERAL.—Section 40(b)(6)(J)(i) is amended by striking "2022" and inserting "2027". 21 (b) Effective Date.—The amendment made by subsection (a) shall apply to qualified second generation 22

biofuel production after December 31, 2021.

TITLE III—GREEN ENERGY AND

2 EFFICIENCY INCENTIVES FOR

3 **INDIVIDUALS**

- 4 SEC. 301. EXTENSION, INCREASE, AND MODIFICATIONS OF
- 5 NONBUSINESS ENERGY PROPERTY CREDIT.
- 6 (a) EXTENSION OF CREDIT.—Section 25C(g)(2) is
- 7 amended by striking "December 31, 2021" and inserting
- 8 "December 31, 2025".
- 9 (b) Increase in Credit Percentage for Quali-
- 10 FIED ENERGY EFFICIENCY IMPROVEMENTS.—Section
- 11 25C(a)(1) is amended by striking "10 percent" and insert-
- 12 ing "15 percent".
- 13 (c) Increase in Lifetime Limitation of Cred-
- 14 IT.—Section 25C(b)(1) is amended—
- 15 (1) by striking "\$500" and inserting "\$1,200",
- 16 and
- 17 (2) by striking "December 31, 2005" and in-
- serting "December 31, 2021".
- 19 (d) Limitations.—Section 25C(b) is amended by
- 20 striking paragraphs (2) and (3) and inserting the fol-
- 21 lowing:
- 22 "(2) Limitation on qualified energy effi-
- 23 CIENCY IMPROVEMENTS.—The credit allowed under
- 24 this section by reason of subsection (a)(1), with re-

1	spect to costs paid or incurred by a taxpayer for a
2	taxable year, shall not exceed—
3	"(A) for components described in sub-
4	section (c)(3)(A), the excess (if any) of \$600
5	over the aggregate credits allowed under this
6	section with respect to such components for all
7	prior taxable years ending after December 31,
8	2021,
9	"(B) for components described in sub-
10	section $(e)(3)(B)$ —
11	"(i) in the case of components which
12	are not described in clause (ii), the excess
13	(if any) of \$200 over the aggregate credits
14	allowed under this section with respect to
15	such components for all prior taxable years
16	ending after December 31, 2021, and
17	"(ii) in the case of components which
18	meet the standards for most efficient cer-
19	tification under applicable Energy Star
20	program requirements, the excess (if any)
21	of \$600 over the aggregate credits allowed
22	under this section with respect to such
23	components for all prior taxable years end-
24	ing after December 31, 2021, or with re-

1	spect to components described in clause (i)
2	for such taxable year, and
3	"(C) for components described in sub-
4	section (c)(3)(C) by any taxpayer for any tax-
5	able year, the credit allowed under this section
6	with respect to such amounts for such year
7	shall not exceed the lesser of—
8	"(i) the excess (if any) of \$500 over
9	the aggregate credits allowed under this
10	section with respect to such amounts for
11	all prior taxable years ending after Decem-
12	ber 31, 2021, or
13	"(ii) \$250 for each exterior door.
14	"(3) Limitation on residential energy
15	PROPERTY EXPENDITURES.—The credit allowed
16	under this section by reason of subsection (a)(2)
17	shall not, with respect to an item of property, ex-
18	ceed —
19	"(A) in the case of property described in
20	subparagraph (A), (B), or (C) of subsection
21	(d)(3), \$600,
22	"(B) for the case of property described in
23	subparagraph (D) of subsection (d)(3), \$400,
24	"(C) in the case of a hot water boiler,
25	\$600, and

1	"(D) in the case of a furnace, an amount
2	equal to the sum of—
3	"(i) \$300, plus
4	"(ii) if the taxpayer is converting
5	from a non-condensing furnace to a con-
6	densing furnace, \$300.".
7	(e) Standards for Energy Efficient Building
8	ENVELOPE COMPONENTS.—Section 25C(c)(2) is amended
9	by striking "meets—" and all that follows through the pe-
10	riod at the end and inserting the following: "meets—
11	"(A) in the case of an exterior window, a
12	skylight, or an exterior door, applicable Energy
13	Star program requirements, and
14	"(B) in the case of any other component,
15	the prescriptive criteria for such component es-
16	tablished by the 2018 IECC (as such term is
17	defined in section $45L(b)(5)$).".
18	(f) Roofs Not Building Envelope Compo-
19	NENTS.—Section 25C(c)(3) is amended by adding "and"
20	at the end of subparagraph (B), by striking ", and" at
21	the end of subparagraph (C) and inserting a period, and
22	by striking subparagraph (D).
23	(g) Advanced Main Air Circulating Fans Not
24	Qualified Energy Property.—

1	(1) In General.—Section $25C(d)(2)(A)$ is
2	amended by adding "or" at the end of clause (i), by
3	striking ", or" at the end of clause (ii) and inserting
4	a period, and by striking clause (iii).
5	(2) Conforming Amendment.—Section
6	25C(d) is amended by striking paragraph (5).
7	(h) Increase in Standard for Electric Heat
8	Pump Water Heater.—Section 25C(d)(3)(A) is amend-
9	ed by striking "an energy factor of at least 2.0" and in-
10	serting "a uniform energy factor of at least 3.0".
11	(i) Update of Standards for Certain Energy-
12	EFFICIENT BUILDING PROPERTY.—Section 25C(d)(3) is
13	amended—
14	(1) by striking "January 1, 2009" each place
15	such term appears and inserting "January 1, 2021",
16	and
17	(2) by striking subparagraph (D) and inserting
18	the following:
19	"(D) a natural gas, propane, or oil water
20	heater which, in the standard Department of
21	Energy test procedure, yields—
22	"(i) in the case of a storage tank
23	water heater—

1	"(I) in the case of a medium-
2	draw water heater, a uniform energy
3	factor of not less than 0.78, and
4	"(II) in the case of a high-draw
5	water heater, a uniform energy factor
6	of not less than 0.80, and
7	"(ii) in the case of a tankless water
8	heater—
9	"(I) in the case of a medium-
10	draw water heater, a uniform energy
11	factor of not less than 0.87, and
12	"(II) in the case of a high-draw
13	water heater, a uniform energy factor
14	of not less than 0.90.".
15	(j) Increase in Standard for Furnaces.—Sec-
16	tion 25C(d)(4) is amended by striking by striking "not
17	less than 95." and inserting the following: "not less
18	than—
19	"(A) in the case of a furnace, 97 percent,
20	and
21	"(B) in the case of a hot water boiler, 95
22	percent.".
23	(k) Home Energy Audits.—
24	(1) In General.—Section 25C(a) is amended
25	by striking "and" at the end of paragraph (1), by

- striking the period at the end of paragraph (2) and inserting ", and", and by adding at the end the following new paragraph:
- 4 "(3) 30 percent of the amount paid or incurred 5 by the taxpayer during the taxable year for home en-6 ergy audits.".
 - (2) LIMITATION.—Section 25C(b) is amended adding at the end the following new paragraph:
- 9 "(4) Home energy audits.—The amount of 10 the credit allowed under this section by reason of 11 subsection (a)(3) shall not exceed \$150.".
- 12 (3) Home energy audits.—Section 25C, as 13 amended by subsections (a), is amended by redesig-14 nating subsections (e), (f), and (g), as subsections 15 (f), (g), and (h), respectively, and by inserting after 16 subsection (d) the following new subsection:
- "(e) Home Energy Audits.—For purposes of this section, the term 'home energy audit' means an inspection and written report with respect to a dwelling unit located in the United States and owned or used by the taxpayer as the taxpayer's principal residence (within the meaning of section 121) which—
- "(1) identifies the most significant and cost-effective energy efficiency improvements with respect to such dwelling unit, including an estimate of the

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- 1 energy and cost savings with respect to each such 2 improvement, and 3 "(2) is conducted and prepared by a home en-4 ergy auditor that meets the certification or other re-5 quirements specified by the Secretary (after con-6 sultation with the Secretary of Energy, and not later 7 than 180 days after the date of the enactment of 8 this subsection) in regulations or other guidance.". 9 (4)Conforming AMENDMENT.—Section 10 1016(a)(33) is amended by striking "section 25C(f)" 11 and inserting "section 25C(g)". 12 (1) Effective Dates.— 13 (1) Increase and modernization.—Except 14 as otherwise provided by this subsection, the amend-15 ments made by this section shall apply to property 16 placed in service after December 31, 2021. 17 (2) Extension.—The amendments made by 18 subsection (a) shall apply to property placed in serv-19 ice after December 31, 2021. 20 (3) Home energy audits.—The amendments 21 made by subsection (k) shall apply to amounts paid 22 or incurred after December 31, 2021. 23 SEC. 302. RESIDENTIAL ENERGY EFFICIENT PROPERTY.

24

1	(1) In general.—Section 25D(h) is amended
2	by striking "December 31, 2023" and inserting
3	"December 31, 2028".
4	(2) Application of Phaseout.—Section
5	25D(g) is amended—
6	(A) by striking "before January 1, 2023"
7	in paragraph (2) and inserting "before January
8	1, 2022",
9	(B) by striking "and" at the end of para-
10	graph (2),
11	(C) by redesignating paragraph (3) as
12	paragraph (5) and by inserting after paragraph
13	(2) the following new paragraphs:
14	"(3) in the case of property placed in service
15	after December 31, 2021, and before January 1,
16	2027, 30 percent,
17	"(4) in the case of property placed in service
18	after December 31, 2026, and before January 1,
19	2028, 26 percent, and", and
20	(D) by striking "December 31, 2022, and
21	before January 1, 2024" in paragraph (5) (as
22	so redesignated) and inserting "December 31,
23	2027, and before January 1, 2029".
24	(b) Residential Energy Efficient Property
25	CREDIT FOR BATTERY STORAGE TECHNOLOGY —

1	(1) In general.—Section 25D(a) is amended
2	by striking "and" at the end of paragraph (5) and
3	by inserting after paragraph (6) the following new
4	paragraph:
5	"(7) the qualified battery storage technology ex-
6	penditures,".
7	(2) Qualified battery storage tech-
8	NOLOGY EXPENDITURE.—Section 25D(d) is amend-
9	ed by adding at the end the following new para-
10	graph:
11	"(7) Qualified battery storage tech-
12	NOLOGY EXPENDITURE.—The term 'qualified bat-
13	tery storage technology expenditure' means an ex-
14	penditure for battery storage technology which—
15	"(A) is installed in connection with a
16	dwelling unit located in the United States and
17	used as a residence by the taxpayer, and
18	"(B) has a capacity of not less than 3 kilo-
19	watt hours.".
20	(c) Effective Date.—The amendments made by
21	this section shall apply to expenditures made after the
22	date of the enactment of this Act.

1 SEC. 303. ENERGY EFFICIENT COMMERCIAL BUILDINGS DE-

- 2 **DUCTION.**
- 3 (a) Increase in the Maximum Amount of De-
- 4 DUCTION.—
- 5 (1) IN GENERAL.—Section 179D(b) is amended
- 6 by striking "\$1.80" and inserting "\$3".
- 7 (2) Conforming Amendment.—Section
- 8 179D(d)(1)(A) is amended by striking "by sub-
- 9 stituting '\$.60' for '\$1.80'" and inserting "by sub-
- 10 stituting '\$1' for '\$3'''.
- 11 (b) Limit on Deduction Limited to Three-Year
- 12 Period.—Section 179D(b)(2) is amended by striking "for
- 13 all prior taxable years" and inserting "for the 3 years im-
- 14 mediately preceding such taxable year".
- 15 (c) Change in Efficiency Standards.—Section
- 16 179D(c)(1)(D) is amended by striking "50" and inserting
- 17 "30".
- 18 (d) Deadwood.—Section 179D is amended by strik-
- 19 ing subsection (f) and redesignating subsections (g) and
- 20 (h) as subsections (f) and (g), respectively.
- 21 (e) Effective Date.—The amendments made by
- 22 this section shall apply to property placed in service after
- 23 December 31, 2021.

1	SEC. 304. EXTENSION, INCREASE, AND MODIFICATIONS OF
2	NEW ENERGY EFFICIENT HOME CREDIT.
3	(a) Extension of Credit.—Section 45L(g) is
4	amended by striking "December 31, 2021" and inserting
5	"December 31, 2026".
6	(b) Increase in Credit for Certain Dwelling
7	Units.—Section 45L(a)(2)(A) is amended by striking
8	"\$2,000" and inserting "\$2,500".
9	(c) Increase in Standard for Heating and
10	COOLING REDUCTION FOR CERTAIN UNITS.—Section
11	45L(c)(1) is amended by striking "50 percent" each place
12	such term appears and inserting "60 percent".
13	(d) Energy Saving Requirements Modifica-
14	TIONS.—
15	(1) All energy star labeled homes eligi-
16	BLE; NO REDUCTION IN STANDARD.—Section 45L(c)
17	is amended by amending paragraph (3) to read as
18	follows:
19	"(3) a unit which meets the requirements estab-
20	lished by the Administrator of the Environmental
21	Protection Agency under the Energy Star Labeled
22	Homes program and, in the case of a manufactured
23	home, which conforms to Federal Manufactured
24	Home Construction and Safety Standards (part
25	3280 of title 24, Code of Federal Regulations).".

1	(2) Units constructed in accordance
2	WITH 2018 IECC STANDARDS.—Section 45L(c), as
3	amended by paragraph (1), is further amended by
4	striking "or" at the end of paragraph (2), by strik-
5	ing the period at the end of paragraph (3) and in-
6	serting ", or", and by adding at the end the fol-
7	lowing new paragraph:
8	"(4) certified—
9	"(A) to have a level of annual energy con-
10	sumption which is at least 15 percent below the
11	annual level of energy consumption of a com-
12	parable dwelling unit—
13	"(i) which is constructed in accord-
14	ance with the standards of chapter 4 of the
15	2018 IECC (without taking into account
16	on-site energy generation), and
17	"(ii) which meets the requirements de-
18	scribed in paragraph (1)(A)(ii), and
19	"(B) to have building envelope component
20	improvements account for at least 1/5 of such
21	15 percent.".
22	(3) Conforming amendments.—
23	(A) Section $45L(c)(2)$ is amended by in-
24	serting "or (4)" after "paragraph (1)".

1	(B) Section $45L(a)(2)(A)$ is amended by
2	striking "or (2)" and inserting ", (2), or (4)".
3	(C) Section 45L(b) is amended by adding
4	at the end the following:
5	(5) 2018 IECC.—The term (2018) IECC'
6	means the 2018 International Energy Conservation
7	Code, as such Code (including supplements) is in ef-
8	fect on November 1, 2018.".
9	(e) Effective Dates.—The amendments made by
10	this section shall apply to dwelling units acquired after
11	December 31, 2021.
12	SEC. 305. MODIFICATIONS TO INCOME EXCLUSION FOR
	CONSERVATION SUBSIDIES.
13	conservation subsidies. (a) In General.—Section 136(a) is amended—
13 14	
13 14 15	(a) In General.—Section 136(a) is amended—
13 14 15 16 17	(a) In General.—Section 136(a) is amended—(1) by striking "any subsidy provided" and in-
13 14 15 16	(a) In General.—Section 136(a) is amended—(1) by striking "any subsidy provided" and inserting "any subsidy—
13 14 15 16 17	(a) IN GENERAL.—Section 136(a) is amended—(1) by striking "any subsidy provided" and inserting "any subsidy—"(1) provided",
13 14 15 16 17	 (a) In General.—Section 136(a) is amended— (1) by striking "any subsidy provided" and inserting "any subsidy— "(1) provided", (2) by striking the period at the end and insert-
13 14 15 16 17 18	 (a) In General.—Section 136(a) is amended— (1) by striking "any subsidy provided" and inserting "any subsidy— "(1) provided", (2) by striking the period at the end and inserting a comma, and
13 14 15 16 17 18 19 20	 (a) In General.—Section 136(a) is amended— (1) by striking "any subsidy provided" and inserting "any subsidy— "(1) provided", (2) by striking the period at the end and inserting a comma, and (3) by adding at the end the following new
13 14 15 16 17 18 19 20 21	 (a) In General.—Section 136(a) is amended— (1) by striking "any subsidy provided" and inserting "any subsidy— "(1) provided", (2) by striking the period at the end and inserting a comma, and (3) by adding at the end the following new paragraphs:

1	purchase or installation of any water conservation or
2	efficiency measure,
3	"(3) provided (directly or indirectly) by a storm
4	water management provider to a customer, or by a
5	State or local government to a resident of such State
6	or locality, for the purchase or installation of any
7	storm water management measure, or
8	"(4) provided (directly or indirectly) by a State
9	or local government to a resident of such State or
10	locality for the purchase or installation of any waste-
11	water management measure, but only if such meas-
12	ure is with respect to the taxpayer's principal resi-
13	dence.".
14	(b) Conforming Amendments.—
15	(1) Definition of water conservation or
16	EFFICIENCY MEASURE AND STORM WATER MANAGE-
17	MENT MEASURE.—Section 136(c) is amended—
18	(A) by striking "Energy Conservation
19	Measure" in the heading thereof and inserting
20	"Definitions",
21	(B) by striking "In GENERAL" in the
22	heading of paragraph (1) and inserting "En-
23	ERGY CONSERVATION MEASURE", and

1	(C) by redesignating paragraph (2) as
2	paragraph (5) and by inserting after paragraph
3	(1) the following:

- "(2) Water conservation or efficiency measure.—For purposes of this section, the term 'water conservation or efficiency measure' means any evaluation of water use, or any installation or modification of property, the primary purpose of which is to reduce consumption of water or to improve the management of water demand with respect to one or more dwelling units.
- "(3) Storm water management measure.—
 For purposes of this section, the term 'storm water management measure' means any installation or modification of property primarily designed to reduce or manage amounts of storm water with respect to one or more dwelling units.
- "(4) Wastewater management measure management measure' means any installation or modification of property primarily designed to manage wastewater (including septic tanks and cesspools) with respect to one or more dwelling units.".
- (2) DEFINITION OF PUBLIC UTILITY.—Section 136(c)(5) (as redesignated by paragraph (1)(C)) is

1	amended by striking subparagraph (B) and inserting
2	the following:
3	"(B) Public utility.—The term 'public
4	utility' means a person engaged in the sale of
5	electricity, natural gas, or water to residential,
6	commercial, or industrial customers for use by
7	such customers.
8	"(C) Storm water management pro-
9	VIDER.—The term 'storm water management
10	provider' means a person engaged in the provi-
11	sion of storm water management measures to
12	the public.
13	"(D) Person.—For purposes of subpara-
14	graphs (B) and (C), the term 'person' includes
15	the Federal Government, a State or local gov-
16	ernment or any political subdivision thereof, or
17	any instrumentality of any of the foregoing.".
18	(3) Clerical amendments.—
19	(A) The heading for section 136 is amend-
20	ed
21	(i) by inserting "AND WATER" after
22	"ENERGY", and
23	(ii) by striking "PROVIDED BY PUB-
24	LIC UTILITIES".

1	(B) The item relating to section 136 in the
2	table of sections of part III of subchapter B of
3	chapter 1 is amended—
4	(i) by inserting "and water" after
5	"energy", and
6	(ii) by striking "provided by public
7	utilities".
8	(c) Effective Date.—The amendments made by
9	this section shall apply to amounts received after Decem-
10	ber 31, 2018.
11	(d) No Inference.—Nothing in this Act or the
12	amendments made by this Act shall be construed to create
13	any inference with respect to the proper tax treatment of
14	any subsidy received directly or indirectly from a public
15	utility, a storm water management provider, or a State
16	or local government for any water conservation measure
17	or storm water management measure before January 1,
1 Q	2022

1	TITLE IV—GREENING THE
2	FLEET AND ALTERNATIVE VE
3	HICLES
4	SEC. 401. MODIFICATION OF LIMITATIONS ON NEW QUAL
5	FIED PLUG-IN ELECTRIC DRIVE MOTOR VEHI
6	CLE CREDIT.
7	(a) In General.—Section 30D(e) is amended to
8	read as follows:
9	"(e) Limitation on Number of New Qualifier
10	Plug-In Electric Drive Motor Vehicles Eligibli
11	for Credit.—
12	"(1) IN GENERAL.—In the case of any new
13	qualified plug-in electric drive motor vehicle solo
14	after the date of the enactment of the GREEN Ac
15	of 2021—
16	"(A) if such vehicle is sold during the tran
17	sition period, the amount determined unde
18	subsection (b)(2) shall be reduced by \$500, and
19	"(B) if such vehicle is sold during th
20	phaseout period, only the applicable percentag
21	of the credit otherwise allowable under sub
22	section (a) shall be allowed.
23	"(2) Transition period.—For purposes of
24	this subsection, the transition period is the period
25	subsequent to the first date on which the number of

1	new qualified plug-in electric drive motor vehicles
2	manufactured by the manufacturer of the vehicle re-
3	ferred to in paragraph (1) sold for use in the United
4	States after December 31, 2009, is at least 200,000.
5	"(3) Phaseout period.—
6	"(A) In general.—For purposes of this
7	subsection, the phaseout period is the period be-
8	ginning with the second calendar quarter fol-
9	lowing the calendar quarter which includes the
10	first date on which the number of new qualified
11	plug-in electric drive motor vehicles manufac-
12	tured by the manufacturer of the vehicle re-
13	ferred to in paragraph (1) sold for use in the
14	United States after December 31, 2009, is at
15	least 600,000.
16	"(B) Applicable percentage.—For
17	purposes of paragraph (1)(B), the applicable
18	percentage is—
19	"(i) 50 percent for the first calendar
20	quarter of the phaseout period, and
21	"(ii) 0 percent for each calendar quar-
22	ter thereafter.
23	"(C) Exclusion of sale of certain ve-
24	HICLES.—

1	"(i) In general.—For purposes of
2	subparagraph (A), any new qualified plug-
3	in electric drive motor vehicle manufac-
4	tured by the manufacturer of the vehicle
5	referred to in paragraph (1) which was
6	sold during the exclusion period shall not
7	be included for purposes of determining
8	the number of such vehicles sold.
9	"(ii) Exclusion period.—For pur-
10	poses of this subparagraph, the exclusion
11	period is the period—
12	"(I) beginning on the first date
13	on which the number of new qualified
14	plug-in electric drive motor vehicles
15	manufactured by the manufacturer of
16	the vehicle referred to in paragraph
17	(1) sold for use in the United States
18	after December 31, 2009, is at least
19	200,000, and
20	"(II) ending on the date of the
21	enactment of the GREEN Act of
22	2021.
23	"(4) Controlled Groups.—Rules similar to
24	the rules of section 30B(f)(4) shall apply for pur-
25	poses of this subsection.".

1	(b) Extension for 2- and 3-Wheeled Plug-In
2	Electric Vehicles.—Section 30D(g)(3)(E) is amended
3	to read as follows:
4	"(E) is acquired after December 31, 2021,
5	and before January 1, 2027.".
6	(c) Effective Date.—
7	(1) Limitation.—The amendment made by
8	subsection (a) shall apply to vehicles sold after the
9	date of the enactment of this Act.
10	(2) Extension.—The amendment made by
11	subsection (b) shall apply to vehicles sold after De-
12	cember 31, 2021.
13	SEC. 402. CREDIT FOR PREVIOUSLY-OWNED QUALIFIED
14	PLUG-IN ELECTRIC DRIVE MOTOR VEHICLES.
15	(a) In General.—Subpart C of part IV of sub-
16	chapter A of chapter 1 is amended by inserting after sec-
17	tion 36B the following new section:
18	"SEC. 36B. PREVIOUSLY-OWNED QUALIFIED PLUG-IN ELEC-
19	TRIC DRIVE MOTOR VEHICLES.
20	"(a) Allowance of Credit.—In the case of a
21	qualified buyer who during a taxable year places in service
22	a previously-owned qualified plug-in electric drive motor
23	vehicle, there shall be allowed as a credit against the tax
24	imposed by this subtitle for the taxable year an amount
25	equal to the sum of—

1	"(1) \$1,250, plus
2	"(2) in the case of a vehicle which draws pro-
3	pulsion energy from a battery which exceeds 4 kilo-
4	watt hours of capacity (determined at the time of
5	sale), the lesser of—
6	"(A) \$1,250, and
7	"(B) the product of \$208.50 and such ex-
8	cess kilowatt hours.
9	"(b) Limitations.—
10	"(1) Sale price.—The credit allowed under
11	subsection (a) with respect to sale of a vehicle shall
12	not exceed 30 percent of the sale price.
13	"(2) Adjusted gross income.—The amount
14	which would (but for this paragraph) be allowed as
15	a credit under subsection (a) shall be reduced (but
16	not below zero) by \$250 for each \$1,000 (or fraction
17	thereof) by which the taxpayer's adjusted gross in-
18	come exceeds \$30,000 (twice such amount in the
19	case of a joint return).
20	"(c) Definitions.—For purposes of this section—
21	"(1) Previously-owned qualified plug-in
22	ELECTRIC DRIVE MOTOR VEHICLE.—The term 'pre-
23	viously-owned qualified plug-in electric drive motor
24	vehicle' means, with respect to a taxpayer, a motor
25	vehicle—

1	"(A) the model year of which is at least 2
2	earlier than the calendar year in which the tax-
3	payer acquires such vehicle,
4	"(B) the original use of which commences
5	with a person other than the taxpayer,
6	"(C) which is acquired by the taxpayer in
7	a qualified sale,
8	"(D) registered by the taxpayer for oper-
9	ation in a State or possession of the United
10	States, and
11	"(E) which meets the requirements of sub-
12	paragraphs (C), (D), (E), and (F) of section
13	30D(d)(1).
14	"(2) QUALIFIED SALE.—The term 'qualified
15	sale' means a sale of a motor vehicle—
16	"(A) by a person who holds such vehicle in
17	inventory (within the meaning of section 471)
18	for sale or lease,
19	"(B) for a sale price of less than \$25,000,
20	and
21	"(C) which is the first transfer since the
22	date of the enactment of this section to a per-
23	son other than the person with whom the origi-
24	nal use of such vehicle commenced.

1	"(3) QUALIFIED BUYER.—The term 'qualified
2	buyer' means, with respect to a sale of a motor vehi-
3	cle, a taxpayer—
4	"(A) who is an individual,
5	"(B) who purchases such vehicle for use
6	and not for resale,
7	"(C) with respect to whom no deduction is
8	allowable with respect to another taxpayer
9	under section 151,
10	"(D) who has not been allowed a credit
11	under this section for any sale during the 3-
12	year period ending on the date of the sale of
13	such vehicle, and
14	"(E) who possesses a certificate issued by
15	the seller that certifies—
16	"(i) that the vehicle is a previously-
17	owned qualified plug-in electric drive motor
18	vehicle,
19	"(ii) the capacity of the battery at
20	time of sale, and
21	"(iii) such other information as the
22	Secretary may require.
23	"(4) Motor vehicle; capacity.—The terms
24	'motor vehicle' and 'capacity' have the meaning

- given such terms in paragraphs (2) and (4) of sec-
- 2 tion 30D(d), respectively.
- 3 "(d) Application of Certain Rules.—For pur-
- 4 poses of this section, rules similar to the rules of para-
- 5 graphs (1), (2), (4), (5), (6) and (7) of section 30D(f)
- 6 shall apply for purposes of this section.
- 7 "(e) Certificate Submission Requirement.—
- 8 The Secretary may require that the issuer of the certifi-
- 9 cate described in subsection (c)(3)(E) submit such certifi-
- 10 cate to the Secretary at the time and in the manner re-
- 11 quired by the Secretary.
- 12 "(f) Termination.—No credit shall be allowed
- 13 under this section with respect to sales after December
- 14 31, 2026.".
- 15 (b) Conforming Amendments.—
- 16 (1) Section 6211(b)(4)(A) is amended by insert-
- ing "36C," after "36B,".
- 18 (2) Paragraph (2) of section 1324(b) of title
- 19 31, United States Code, is amended by inserting
- 20 "36C," after "36B,".
- 21 (c) Clerical Amendment.—The table of sections
- 22 for subpart C of part IV of subchapter A of chapter 1
- 23 is amended by inserting after the item relating to section
- 24 36B the following new item:

[&]quot;Sec. 36C. Previously-owned qualified plug-in electric drive motor vehicles.".

1	(d) Effective Date.—The amendments made by
2	this section shall apply to sales after the date of the enact-
3	ment of this Act.
4	SEC. 403. CREDIT FOR ZERO-EMISSION HEAVY VEHICLES
5	AND ZERO-EMISSION BUSES.
6	(a) In General.—Subpart D of part IV of sub-
7	chapter A of chapter 1 is amended by adding at the end
8	the following new section:
9	"SEC. 45U. ZERO-EMISSION HEAVY VEHICLE CREDIT.
10	"(a) Allowance of Credit.—For purposes of sec-
11	tion 38, in the case of a manufacturer of a zero-emission
12	heavy vehicle, the zero-emission heavy vehicle credit deter-
13	mined under this section for a taxable year is an amount
14	equal to 10 percent of the sum of the sale price of each
15	zero-emission heavy vehicle sold by such taxpayer during
16	such taxable year.
17	"(b) Limitation.—The sale price of a zero-emission
18	heavy vehicle may not be taken into account under sub-
19	section (a) to the extent such price exceeds \$1,000,000.
20	"(c) Zero-Emission Heavy Vehicle.—For pur-
21	poses of this section—
22	"(1) In general.—The term 'zero-emission
23	heavy vehicle' means a motor vehicle which—
24	"(A) has a gross vehicle weight rating of
25	not less than 14,000 pounds.

1	"(B) is not powered or charged by an in-
2	ternal combustion engine, and
3	"(C) is propelled solely by an electric
4	motor which draws electricity from a battery or
5	fuel cell.
6	"(2) Motor vehicle; manufacturer.—The
7	term 'motor vehicle' and 'manufacturer' have the
8	meaning given such terms in paragraphs (2) and (3)
9	of section 30D(d), respectively.
10	"(d) Special Rules.—
11	"(1) Sale price.—For purposes of this sec-
12	tion, the sale price of a zero-emission heavy vehicle
13	shall be reduced by any rebate or other incentive
14	given before, on, or after the date of the sale.
15	"(2) Domestic use.—No credit shall be al-
16	lowed under subsection (a) with respect to a zero-
17	emission heavy vehicle to a manufacturer who knows
18	or has reason to know that such vehicle will not be
19	used primarily in the United States or a possession
20	of the United States.
21	"(3) REGULATIONS.—The Secretary shall pre-
22	scribe such regulations as may be necessary or ap-
23	propriate to carry out the purposes of this section.
24	"(e) Termination.—This section shall not apply to
25	sales after December 31, 2026.".

- 1 (b) Credit Made Part of General Business
- 2 Credit.—Subsection (b) of section 38 is amended by
- 3 striking "plus" at the end of paragraph (32), by striking
- 4 the period at the end of paragraph (33) and inserting ",
- 5 plus", and by adding at the end the following new para-
- 6 graph:
- 7 "(34) the zero-emission heavy vehicle credit de-
- 8 termined under section 45U.".
- 9 (c) Clerical Amendment.—The table of sections
- 10 for subpart D of part IV of subchapter A of chapter 1
- 11 is amended by adding at the end the following new item: "Sec. 45U. Zero-emission heavy vehicle credit.".
- 12 (d) Effective Date.—The amendments made by
- 13 this section shall apply to sales after the date of the enact-
- 14 ment of this Act.
- 15 SEC. 404. QUALIFIED FUEL CELL MOTOR VEHICLES.
- 16 (a) IN GENERAL.—Section 30B(k)(1) is amended by
- 17 striking "December 31, 2021" and inserting "December
- 18 31, 2026".
- 19 (b) Effective Date.—The amendment made by
- 20 this section shall apply to property placed in service after
- 21 December 31, 2021.

1	SEC. 405. ALTERNATIVE FUEL REFUELING PROPERTY
2	CREDIT.
3	(a) In General.—Section 30C(g) is amended by
4	striking "December 31, 2021" and inserting "December
5	31, 2026".
6	(b) Additional Credit for Certain Electric
7	Charging Property.—
8	(1) In general.—Section 30C(a) is amend-
9	ed —
10	(A) by striking "equal to 30 percent" and
11	inserting the following: "equal to the sum of—
12	"(1) 30 percent",
13	(B) by striking the period at the end and
14	inserting ", plus", and
15	(C) by adding at the end the following new
16	paragraph:
17	"(2) 20 percent of so much of such cost as ex-
18	ceeds the limitation under subsection $(b)(1)$ that
19	does not exceed the amount of cost attributable to
20	qualified alternative vehicle refueling property (de-
21	termined without regard to subsection $(c)(1)$ and as
22	if only electricity, and fuel at least 85 percent of the
23	volume of which consists of hydrogen, were treated
24	as clean-burning fuels for purposes of section
25	179A(d)) which—

1	"(A) is intended for general public use
2	with no associated fee or payment arrangement,
3	"(B) is intended for general public use and
4	accepts payment via a credit card reader, or
5	"(C) is intended for use exclusively by
6	fleets of commercial or governmental vehicles.".
7	(2) Conforming amendment.—Section
8	30C(b) is amended—
9	(A) by striking "The credit allowed under
10	subsection (a)" and inserting "The amount of
11	cost taken into account under subsection
12	(a)(1)",
13	(B) by striking "\$30,000" and inserting
14	"\$100,000", and
15	(C) by striking "\$1,000" and inserting
16	"\$3,333.33".
17	(c) Effective Date.—The amendment made by
18	this section shall apply to property placed in service after
19	December 31, 2021.
20	SEC. 406. MODIFICATION OF EMPLOYER-PROVIDED FRINGE
21	BENEFITS FOR BICYCLE COMMUTING.
22	(a) Repeal of Suspension of Exclusion for
23	QUALIFIED BICYCLE COMMUTING REIMBURSEMENT.—
24	Section 132(f) is amended by striking paragraph (8).
25	(b) Commuting Fringe Includes Bikeshare.—

1 GENERAL.—Clause (i) (1)IN ofsection 2 132(f)(5)(F) is amended by striking "a bicycle" and 3 all that follows and inserting "bikeshare, a bicycle, 4 and bicycle improvements, repair, and storage, if the 5 employee regularly uses such bikeshare or bicycle for 6 travel between the employee's residence and place of 7 employment or mass transit facility that connects an 8 employee to their place of employment.". 9 (2)BIKESHARE.—Section 132(f)(5)(F)is 10 amended by adding at the end the following: 11 "(iv) BIKESHARE.—The term 12 'bikeshare' means a bicycle rental oper-13 ation at which bicycles are made available 14 to customers to pick up and drop off for 15 point-to-point use within a defined geo-16 graphic area.". 17 Low-Speed Electric Bicycles.—Section (c) 132(f)(5)(F), as amended by subsection (b)(2), is amend-18 19 ed by adding at the end the following: 20 Low-speed ELECTRIC BICY-21 CLES.—The term 'bicycle' includes a two-22 or three-wheeled vehicle with fully operable 23 pedals and an electric motor of less than 24 750 watts (1 h.p.), whose maximum speed 25 on a paved level surface, when powered

1	solely by such a motor while ridden by an
2	operator who weighs 170 pounds, is less
3	than 20 mph.".
4	(d) Modification Relating to Bicycle Com-
5	MUTING MONTH.—Clause (iii) of section 132(f)(5)(F) is
6	amended to read as follows:
7	"(iii) Qualified bicycle com-
8	MUTING MONTH.—The term 'qualified bi-
9	cycle commuting month' means, with re-
10	spect to any employee, any month during
11	which such employee regularly uses a bicy-
12	cle for a portion of the travel between the
13	employee's residence and place of employ-
14	ment.".
15	(e) Limitation on Exclusion.—
16	(1) In general.—Subparagraph (C) of section
17	132(f)(2) is amended by striking "applicable annual
18	limitation" and inserting "applicable monthly limita-
19	tion".
20	(2) Applicable monthly limitation de-
21	FINED.—Clause (ii) of section $132(f)(5)(F)$ is
22	amended to read as follows:
23	"(ii) Applicable monthly limita-
24	TION.—The term 'applicable monthly limi-
25	tation', with respect to any employee for

1	any month, means an amount equal to 20
2	percent of the dollar amount in effect for
3	the month under paragraph (2)(B).".
4	(3) Aggregate Limitation.—Subparagraph
5	(B) of section 132(f)(2) is amended by inserting
6	"and the applicable monthly limitation in the case of
7	any qualified bicycle commuting benefit".
8	(f) No Constructive Receipt.—Paragraph (4) of
9	section 132(f) is amended by striking "(other than a quali-
10	fied bicycle commuting reimbursement)".
11	(g) Conforming Amendments.—Paragraphs
12	(1)(D), $(2)(C)$, and $(5)(F)$ of section $132(f)$ are each
13	amended by striking "reimbursement" each place it ap-
14	pears and inserting "benefit".
15	(h) Effective Date.—The amendments made by
16	this section shall apply to taxable years beginning after
17	December 31, 2021.
18	TITLE V—INVESTMENT IN THE
19	GREEN WORKFORCE
20	SEC. 501. EXTENSION OF THE ADVANCED ENERGY
21	PROJECT CREDIT.
22	(a) In General.—Section 48C is amended by redes-
23	ignating subsection (e) as subsection (f) and by inserting
24	after subsection (d) the following new subsection:
25	"(e) Additional Allocations.—

"(1) In General.—Not later than 180 days after the date of enactment of this paragraph, the Secretary, after consultation with the Secretary of Energy, shall establish a program to designate amounts of qualifying advanced project credit limitation to qualifying advanced energy projects.

"(2) Annual Limitation.—

- "(A) IN GENERAL.—The amount of qualifying advanced project credit limitation that may be designated under this subsection during any calendar year shall not exceed the annual credit limitation with respect to such year.
- "(B) Annual Credit Limitation.—For purposes of this subsection, the term 'annual credit limitation' means \$2,500,000,000 for each of calendar years 2022, 2023, 2024, 2025, and 2026, and zero thereafter.
- "(C) Carryover of unused limitation for any calendar year exceeds the aggregate amount designated for such year under this subsection, such limitation for the succeeding calendar year shall be increased by the amount of such excess. No amount may be carried under the preceding sentence to any calendar year after 2026.

1 "(3) PLACED IN SERVICE DEADLINE.—No cred-2 it shall be determined under subsection (a) with re-3 spect to any property which is placed in service after 4 the date that is 4 years after the date of the des-5 ignation under this subsection relating to such prop-6 erty.

"(4) SELECTION CRITERIA.—Selection criteria similar to those in subsection (d)(3) shall apply, except that in determining designations under this subsection, the Secretary, after consultation with the Secretary of Energy, shall—

"(A) require that applicants provide written assurances to the Secretary that all laborers and mechanics employed by contractors and subcontractors in the performance of construction, alteration or repair work on a qualifying advanced energy project shall be paid wages at rates not less than those prevailing on projects of a similar character in the locality as determined by the Secretary of Labor in accordance with subchapter IV of chapter 31 of title 40, United States Code, and

"(B) give the highest priority to projects which—

1	"(i) manufacture (other than pri-
2	marily assembly of components) property
3	described in a subclause of subsection
4	(c)(1)(A)(i) (or components thereof), and
5	"(ii) have the greatest potential for
6	commercial deployment of new applica-
7	tions.
8	"(5) Disclosure of designations.—Rules
9	similar to the rules of subsection (d)(5) shall apply
10	for purposes of this subsection.".
11	(b) Clarification With Respect to
12	ELECTROCHROMATIC GLASS.—Section 48C(c)(1)(A)(i)(V)
13	is amended—
14	(1) by striking "and smart grid" and inserting
15	", smart grid", and
16	(2) by inserting ", and electrochromatic glass"
17	before the comma at the end.
18	(c) Effective Date.—The amendment made by
19	this section shall take effect on the date of the enactment
20	of this Act.
21	(d) Progress Report.—During the 30-day period
22	ending on December 31, 2026, the Secretary of the Treas-
23	ury (or the Secretary's delegate), after consultation with
24	the Secretary of Labor, shall submit a report to Congress
25	on the domestic job creation, wages associated with such

- 1 jobs, and the amount of such wages paid as described in
- 2 section 48C(e)(4)(B) of the Internal Revenue Code of
- 3 1986, attributable to the amendment made by this section.
- 4 SEC. 502. LABOR COSTS OF INSTALLING MECHANICAL IN-
- 5 SULATION PROPERTY.
- 6 (a) IN GENERAL.—Subpart D of part IV of sub-
- 7 chapter A of chapter 1, as amended by the preceding pro-
- 8 visions of this Act, is further amended by adding at the
- 9 end the following new section:
- 10 "SEC. 45V. LABOR COSTS OF INSTALLING MECHANICAL IN-
- 11 SULATION PROPERTY.
- 12 "(a) In General.—For purposes of section 38, the
- 13 mechanical insulation labor costs credit determined under
- 14 this section for any taxable year is an amount equal to
- 15 10 percent of the mechanical insulation labor costs paid
- 16 or incurred by the taxpayer during such taxable year.
- 17 "(b) MECHANICAL INSULATION LABOR COSTS.—For
- 18 purposes of this section—
- 19 "(1) IN GENERAL.—The term 'mechanical insu-
- lation labor costs' means the labor cost of installing
- 21 mechanical insulation property with respect to a me-
- chanical system referred to in paragraph (2)(A)
- 23 which was originally placed in service not less than
- 24 1 year before the date on which such mechanical in-
- 25 sulation property is installed.

1	"(2) Mechanical insulation property.—
2	The term 'mechanical insulation property' means in-
3	sulation materials, and facings and accessory prod-
4	ucts installed in connection to such insulation mate-
5	rials—
6	"(A) placed in service in connection with a
7	mechanical system which—
8	"(i) is located in the United States,
9	and
10	"(ii) is of a character subject to an al-
11	lowance for depreciation, and
12	"(B) which result in a reduction in energy
13	loss from the mechanical system which is great-
14	er than the expected reduction from the instal-
15	lation of insulation materials which meet the
16	minimum requirements of Reference Standard
17	90.1 (as defined in section $179D(c)(2)$).
18	"(c) Termination.—This section shall not apply to
19	mechanical insulation labor costs paid or incurred after
20	December 31, 2026.".
21	(b) Credit Allowed as Part of General Busi-
22	NESS CREDIT.—Section 38(b), as amended by the pre-
23	ceding provisions of this Act, is further amended by strik-
24	ing "plus" at the end of paragraph (33), by striking the

1	period at the end of paragraph (34) and inserting ", plus",
2	and by adding at the end the following new paragraph:
3	"(35) the mechanical insulation labor costs
4	credit determined under section 45V(a).".
5	(c) Conforming Amendments.—
6	(1) Section 280C is amended by adding at the
7	end the following new subsection:
8	"(i) Mechanical Insulation Labor Costs Cred-
9	IT.—
10	"(1) In general.—No deduction shall be al-
11	lowed for that portion of the mechanical insulation
12	labor costs (as defined in section 45V(b)) otherwise
13	allowable as deduction for the taxable year which is
14	equal to the amount of the credit determined for
15	such taxable year under section 45V(a).
16	"(2) Similar rule where taxpayer cap-
17	ITALIZES RATHER THAN DEDUCTS EXPENSES.—If—
18	"(A) the amount of the credit determined
19	for the taxable year under section 45V(a), ex-
20	ceeds
21	"(B) the amount of allowable as a deduc-
22	tion for such taxable year for mechanical insu-
23	lation labor costs (determined without regard to
24	paragraph (1)).

1	the amount chargeable to capital account for the
2	taxable year for such costs shall be reduced by the
3	amount of such excess.".
4	(2) The table of sections for subpart D of part
5	IV of subchapter A of chapter 1, as amended by the
6	preceding provisions of this Act, is further amended
7	by adding at the end the following new item:
	"Sec. 45V. Labor costs of installing mechanical insulation property.".
8	(d) Effective Date.—The amendments made by
9	this section shall apply to amounts paid or incurred after
10	December 31, 2021, in taxable years ending after such
11	date.
12	SEC. 503. LABOR STANDARDS FOR CERTAIN ENERGY JOBS.
13	(a) Department of Labor Certification of
14	QUALIFIED ENTITIES.—
15	(1) Definitions.—In this subsection—
16	(A) APPLICABLE CONSTRUCTION
17	PROJECT.—The term "applicable construction
18	project" means, with respect to any entity—
19	(i) the installation of any qualified al-
20	ternative fuel vehicle refueling property (as
21	defined in section 30C(c) of the Internal
22	Revenue Code of 1986),
23	(ii) the installation of any qualified
24	energy property described in section

1	(iii) the installation of any qualified
2	property referred to in paragraph (2) of
3	section 48D(a) of such Code as part of any
4	qualified investment credit facility de-
5	scribed in such paragraph, and
6	(iv) the installation of any energy effi-
7	cient commercial building property (as de-
8	fined in section $179D(c)(1)$ of such Code).
9	(B) COVERED PROJECT LABOR AGREE-
10	MENT.—The term "covered project labor agree-
11	ment" means a project labor agreement that—
12	(i) binds all contractors and sub-
13	contractors on the construction project
14	through the inclusion of appropriate speci-
15	fications in all relevant solicitation provi-
16	sions and contract documents,
17	(ii) allows all contractors and sub-
18	contractors to compete for contracts and
19	subcontracts without regard to whether
20	they are otherwise a party to a collective
21	bargaining agreement,
22	(iii) contains guarantees against
23	strikes, lockouts, and other similar job dis-
24	ruptions,

1	(iv) sets forth effective, prompt, and
2	mutually binding procedures for resolving
3	labor disputes arising during the covered
4	project labor agreement, and
5	(v) provides other mechanisms for
6	labor-management cooperation on matters
7	of mutual interest and concern, including
8	productivity, quality of work, safety, and
9	health.
10	(C) Project labor agreement.—The
11	term "project labor agreement" means a pre-
12	hire collective bargaining agreement with one or
13	more labor organizations that establishes the
14	terms and conditions of employment for a spe-
15	cific construction project and is described in
16	section 8(f) of the National Labor Relations
17	Act (29 U.S.C. 158(f)).
18	(D) Installation includes on-site
19	CONSTRUCTION.—Any reference in this sub-
20	section to the installation of any property shall
21	include the construction of such property if
22	such construction is performed on the site
23	where such property is installed.
24	(E) QUALIFIED ENTITY.—The term
25	"qualified entity" means an entity that the Sec-

retary of Labor certifies as a qualified entity in accordance with paragraph (2).

(F) REGISTERED APPRENTICESHIP PROGRAM.—The term "registered apprenticeship program" means an apprenticeship program registered under the Act of August 16, 1937 (commonly known as the "National Apprenticeship Act"; 50 Stat. 664, chapter 663; 29 U.S.C. 50 et seq.), including any requirement, standard, or rule promulgated under such Act, as such requirement, standard, or rule was in effect on December 30, 2019.

(2) CERTIFICATION OF QUALIFIED ENTITIES.—

(A) IN GENERAL.—The Secretary of Labor shall establish a process for certifying entities that submit an application under subparagraph (B) as qualified entities with respect to applicable construction projects for purposes of the amendments made by subsections (b), (c), and (d).

(B) Application process.—

(i) IN GENERAL.—An entity seeking certification as a qualified entity under this paragraph shall submit an application to the Secretary of Labor at such time, in

1	such manner, and containing such infor-
2	mation as the Secretary may reasonably
3	require, including information to dem-
4	onstrate compliance with the requirements
5	under subparagraph (C).
6	(ii) Requests for additional in-
7	FORMATION.—Not later than 1 year after
8	receiving an application from an entity
9	under clause (i)—
10	(I) the Secretary of Labor may
11	request additional information from
12	the entity in order to determine
13	whether the entity is in compliance
14	with the requirements under subpara-
15	graph (C), and
16	(II) the entity shall provide such
17	additional information.
18	(iii) Determination deadline.—
19	The Secretary of Labor shall make a de-
20	termination on whether to certify an entity
21	under this subsection not later than—
22	(I) in a case in which the Sec-
23	retary requests additional information
24	described in paragraph (2)(B)(ii), 1
25	year after the Secretary receives such

1	additional information from the enti-
2	ty, or
3	(II) in a case that is not de-
4	scribed in subclause (I), 1 year after
5	the date on which the entity submits
6	the application under clause (i).
7	(iv) Precentification remedies.—
8	The Secretary shall consider any corrective
9	actions taken by an entity seeking certifi-
10	cation under this paragraph to remedy an
11	administrative merits determination, arbi-
12	tral award or decision, or civil judgment
13	identified under subparagraph (C)(iii) and
14	shall impose as a condition of certification
15	any additional remedies necessary to avoid
16	further or repeated violations.
17	(C) Labor standards requirements.—
18	The Secretary of Labor shall require an entity,
19	as a condition of certification under this sub-
20	section, to satisfy each of the following require-
21	ments:
22	(i) The entity shall ensure that all la-
23	borers and mechanics employed by contrac-
24	tors and subcontractors in the performance
25	of any applicable construction project shall

be paid wages at rates not less than those prevailing on projects of a similar character in the locality as determined by the Secretary of Labor in accordance with subchapter IV of chapter 31 of title 40, United States Code (commonly known as the "Davis-Bacon Act").

- (ii) In the case of any applicable construction project the cost of which exceeds \$25,000,000, the entity shall be a party to, or require contractors and subcontractors in the performance of such applicable construction project to consent to, a covered project labor agreement.
- (iii) The entity, and all contractors and subcontractors in performance of any applicable construction project, shall represent in the application submitted under subparagraph (B) (and periodically thereafter during the performance of the applicable construction project as the Secretary of Labor may require) whether there has been any administrative merits determination, arbitral award or decision, or civil judgment, as defined in guidance issued by

1	the Secretary of Labor, rendered against
2	the entity in the preceding 3 years (or, in
3	the case of disclosures after the initial dis-
4	closure, during such period as the Sec-
5	retary of Labor may provide) for violations
6	of—
7	(I) the Fair Labor Standards Act
8	of 1938 (29 U.S.C. 201 et seq.),
9	(II) the Occupational Safety and
10	Health Act of 1970 (29 U.S.C. 651 et
11	seq.),
12	(III) the Migrant and Seasonal
13	Agricultural Worker Protection Act
14	(29 U.S.C. 1801 et seq.),
15	(IV) the National Labor Rela-
16	tions Act (29 U.S.C. 151 et seq.),
17	(V) subchapter IV of chapter 31
18	of title 40, United States Code (com-
19	monly known as the "Davis-Bacon
20	Act''),
21	(VI) chapter 67 of title 41,
22	United States Code (commonly known
23	as the "Service Contract Act"),

1	(VII) Executive Order No. 11246
2	(42 U.S.C. 2000e note; relating to
3	equal employment opportunity),
4	(VIII) section 503 of the Reha-
5	bilitation Act of 1973 (29 U.S.C.
6	793),
7	(IX) section 4212 of title 38,
8	United States Code,
9	(X) the Family and Medical
10	Leave Act of 1993 (29 U.S.C. 2601 et
11	seq.),
12	(XI) title VII of the Civil Rights
13	Act of 1964 (42 U.S.C. 2000e et
14	seq.),
15	(XII) the Americans with Dis-
16	abilities Act of 1990 (42 U.S.C.
17	12101 et seq.),
18	(XIII) the Age Discrimination in
19	Employment Act of 1967 (29 U.S.C.
20	621 et seq.),
21	(XIV) Federal Government
22	standards establishing a minimum
23	wage for contractors, or

1	(XV) equivalent State laws, as
2	defined in guidance issued by the Sec-
3	retary of Labor.
4	(iv) The entity, and all contractors
5	and subcontractors in the performance of
6	any applicable construction project, shall
7	not require mandatory arbitration for any
8	dispute involving a worker engaged in a
9	service for the entity unless such worker is
10	covered by a collective bargaining agree-
11	ment that provides otherwise.
12	(v) The entity, and all contractors and
13	subcontractors in the performance of any
14	applicable construction project, shall con-
15	sider an individual performing any service
16	in such performance as an employee (and
17	not an independent contractor) of the enti-
18	ty, contractor, or subcontractor, respec-
19	tively, unless—
20	(I) the individual is free from
21	control and direction in connection
22	with the performance of the service,
23	both under the contract for the per-
24	formance of the service and in fact,

	• •
1	(II) the service is performed out-
2	side the usual course of the business
3	of the entity, contractor, or subcon-
4	tractor, respectively, and
5	(III) the individual is customarily
6	engaged in an independently estab-
7	lished trade, occupation, profession, or
8	business of the same nature as that
9	involved in such service.
10	(vi) The entity shall prohibit all con-
11	tractors and subcontractors in the per-
12	formance of any applicable construction
13	project from hiring employees through a
14	temporary staffing agency unless the rel-
15	evant State workforce agency certifies that
16	temporary employees are necessary to ad-
17	dress an acute, short-term labor demand.
18	(vii) The entity shall require all con-
19	tractors, subcontractors, successors in in-
20	terest of the entity, and other entities that
21	may acquire the entity, in the performance
22	or acquisition of any applicable construc-
23	tion project, to have an explicit neutrality
24	policy on any issue involving the organiza-

tion of employees of the entity, and all con-

1	tractors and subcontractors in the per-
2	formance of any applicable construction
3	project, for purposes of collective bar-
4	gaining.
5	(viii) The entity shall require all con-
6	tractors and subcontractors to participate
7	in a registered apprenticeship program for
8	each skilled craft employed on any applica-
9	ble construction project.
10	(ix) The entity, and all contractors
11	and subcontractors in the performance of
12	any applicable construction project, shall
13	not request or otherwise consider the
14	criminal history of an applicant for em-
15	ployment before extending a conditional
16	offer to the applicant, unless—
17	(I) a background check is other-
18	wise required by law,
19	(II) the position is for a Federal
20	law enforcement officer (as defined in
21	section 115(c)(1) of title 18, United
22	States Code) position, or
23	(III) the Secretary of Labor,
24	after consultation with the Secretary
25	of Energy, certifies that precluding

criminal history prior to the conditional offer would pose a threat to national security.

- (D) Davis-Bacon act.—The Secretary of Labor shall have, with respect to the labor standards described in subparagraph (C)(i), the authority and functions set forth in Reorganization Plan Numbered 14 of 1950 (64 Stat. 1267; 5 U.S.C. App.) and section 3145 of title 40, United States Code.
- (E) Period of Validity for Certifications.—A certification made under this subsection shall be in effect for a period of 5 years. An entity may reapply to the Secretary of Labor for an additional certification under this subsection in accordance with the application process under paragraph (2)(B).
- (F) REVOCATION OF QUALIFIED ENTITY STATUS.—The Secretary of Labor may revoke the certification of an entity under this subsection as a qualified entity at any time in which the Secretary reasonably determines the entity is no longer in compliance with paragraph (2)(C).

- 1 CERTIFICATION MAY COVER MORE (G) 2 THAN ONE SUBSTANTIALLY SIMILAR 3 PROJECT.—The Secretary of Labor may make 4 certifications under this paragraph which apply 5 with respect to more than one project if the 6 projects to which such certification apply are 7 substantially similar projects which meet the re-8 quirements of this subsection. Such projects 9 shall be treated as a specific construction 10 project for purposes of paragraph (1)(C).
- 11 (3) AUTHORIZATION OF APPROPRIATIONS.—
 12 There is authorized to be appropriated to carry out
 13 this section \$10,000,000 for fiscal year 2021 and
 14 each fiscal year thereafter.
- 15 (b) Jobs in Energy Credit.—
- 16 (1) IN GENERAL.—Subpart E of part IV of 17 subchapter A of chapter 1 is amended by inserting 18 after section 48C the following new section:
- 19 "SEC. 48D. JOBS IN ENERGY CREDIT.
- "(a) Investment Credit for Qualified Prop-21 Erty.—For purposes of section 46, the jobs in energy 22 credit for any taxable year is an amount equal to 10 per-23 cent of the basis of any qualified energy property placed 24 in service by the taxpayer during such taxable year if the

- 1 installation of such property is performed by a qualified
- 2 entity with respect to such property.
- 3 "(b) Qualified Energy Property.—For purposes
- 4 of this section, the term 'qualified energy property'
- 5 means—
- 6 "(1) energy property (as defined in section
- 48(a)(3), or
- 8 "(2) qualified property which is part of a quali-
- 9 fied investment credit facility (as defined in section
- 48(a)(5) without regard to clause (a)(5)(C)(iii)
- which is originally placed in service after December
- 12 31, 2021.
- 13 "(c) Qualified Entity.—For purposes of this sec-
- 14 tion—
- 15 "(1) IN GENERAL.—The term 'qualified entity'
- means, with respect to the installation of any quali-
- fied energy property, an entity which is certified by
- 18 the Secretary of Labor as being in compliance with
- all of the applicable requirements under section
- 503(a) of the GREEN Act of 2021 with respect to
- 21 such installation at all times during the period be-
- ginning on the date on which the installation of such
- property begins and ending on the date on which
- such property is placed in service.

"(2) Certification of facility required.— 1 2 In the case of any qualified property referred to in 3 subsection (b)(2), an entity shall be treated as a 4 qualified entity with respect to the installation of 5 such property only if the Secretary of Labor has cer-6 tified that the construction of the qualified invest-7 ment credit facility of which such qualified property 8 is a part as being in compliance with all of the appli-9 cable requirements under section 503(a) of the 10 GREEN Act of 2021 for the period referred to in 11 paragraph (1).

"(d) Special Rules.—

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- "(1) CERTAIN PROGRESS EXPENDITURE RULES MADE APPLICABLE.—Rules similar to the rules of subsections (c)(4) and (d) of section 46 (as in effect on the day before the date of the enactment of the Revenue Reconciliation Act of 1990) shall apply for purposes of subsection (a).
- "(2) Special rule for property financed By subsidized energy financing or industrial Development bonds.—For purposes of subsection (a), rules similar to the rules of section 48(a)(4) shall apply for purposes of determining the basis of any qualified energy property.

- "(3) Installation includes on-site construction.—Any reference in this section to the installation of any property shall include the construction of such property if such construction is performed on the site where such property is installed.
- "(4) Recapture.—If the Secretary of Labor revokes the certification of a qualified entity with respect to the installation of any property, the tax imposed under this chapter on the taxpayer to whom the credit determined under this section is allowed shall be increased for the taxable year which includes the date of such revocation by an amount equal to the aggregate decrease in the credits allowed under section 38 for all prior taxable years which would have resulted solely from reducing to zero any credit determined under this section with respect to such property.
- "(5) ELECTION NOT TO HAVE SECTION APPLY.—This section shall not apply with respect to any taxpayer for any taxable year if such taxpayer elects (at such time and in such manner as the Secretary may prescribe) not to have this section apply.".
- 24 (2) Conforming amendments.—

1	(A) Section 46 is amended by striking
2	"and" at the end of paragraph (5), by striking
3	the period at the end of paragraph (6) and in-
4	serting ", and", and by adding at the end the
5	following new paragraph:
6	"(7) the jobs in energy credit.".
7	(B) Section 49(a)(1)(C) is amended by
8	striking "and" at the end of clause (iv), by
9	striking the period at the end of clause (v) and
10	inserting a comma, and by adding at the end
11	the following new clause:
12	"(vi) the basis of any qualified energy
13	property under section 48D.".
14	(C) Section $50(a)(2)(E)$ is amended by
15	striking "or 48C(b)(2)" and inserting
16	" $48C(b)(2)$, or $48D(d)(1)$ ".
17	(D) The table of sections for subpart E of
18	part IV of subchapter A of chapter 1 is amend-
19	ed by inserting after the item relating to section
20	48C the following new item:
	"Sec. 48D. Jobs in energy credit.".
21	(3) Effective date.—The amendments made
22	by this subsection shall apply to periods after De-
23	cember 31, 2021, under rules similar to the rules of
24	section 48(m) of the Internal Revenue Code of 1986

- 1 (as in effect on the day before the date of the enact-
- 2 ment of the Revenue Reconciliation Act of 1990).
- 3 (c) Increase in Energy Efficient Commercial
- 4 Building Deduction for Installation by Quali-
- 5 FIED ENTITIES.—
- 6 (1) In general.—Section 179D(d) is amended
- 7 by adding at the end the following:
- 8 "(7) Adjustment for qualified entities.—
- 9 In the case of any energy efficient commercial build-
- ing property which was installed (within the mean-
- ing of section 48D(d)(3)) by an entity which is cer-
- tified by the Secretary of Labor as being in compli-
- ance with all of the applicable requirements under
- section 503(a) of the GREEN Act of 2021 with re-
- spect to such installation, subsection (b)(1)(A) shall
- be applied by substituting '\$3.20' for '\$3'.".
- 17 (2) Conforming amendment.—Section
- 18 179D(d)(1)(A) is amended by inserting "(or, in the
- case of property to which paragraph (7) applies, by
- substituting '\$1.07' for '\$3.20' in such paragraph)"
- before the period at the end.
- 22 (3) Effective date.—The amendments made
- by this subsection shall apply to property placed in
- service after December 31, 2021.

- 1 (d) Increase in Alternative Fuel Vehicle Re-2 fueling Property Credit for Installation by 3 Qualified Entities.—
- 4 (1) IN GENERAL.—Section 30C(a), as amended 5 by the preceding provisions of this Act, is amended 6 by striking "plus" at the end of paragraph (1), by 7 striking the period at the end of paragraph (2) and 8 inserting ", plus", and by adding at the end the following new paragraph:
 - "(3) in the case of any qualified alternative fuel vehicle refueling property which was installed (within the meaning of section 48D(d)(3)) by an entity which is certified by the Secretary of Labor as being in compliance with all of the applicable requirements under section 503(a) of the GREEN Act of 2021 with respect to such installation, 10 percent of the amount of costs taken into account under paragraph (1) with respect to such property.".
 - (2) Effective date.—The amendments made by this subsection shall apply to property placed in service after December 31, 2021.

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1	TITLE VI—ENVIRONMENTAL
2	JUSTICE
3	SEC. 601. QUALIFIED ENVIRONMENTAL JUSTICE PROGRAM
4	CREDIT.
5	(a) In General.—Subpart C of part IV of sub-
6	chapter A of chapter 1, as amended by the preceding pro-
7	visions of this Act, is amended by adding at the end the
8	following new section:
9	"SEC. 36D. QUALIFIED ENVIRONMENTAL JUSTICE PRO-
10	GRAMS.
11	"(a) Allowance of Credit.—In the case of an eli-
12	gible educational institution, there shall be allowed as a
13	credit against the tax imposed by this subtitle for any tax-
14	able year an amount equal to the applicable percentage
15	of the amounts paid or incurred by such taxpayer during
16	such taxable year which are necessary for a qualified envi-
17	ronmental justice program.
18	"(b) Qualified Environmental Justice Pro-
19	GRAM.—For purposes of this section—
20	"(1) In general.—The term 'qualified envi-
21	ronmental justice program' means a program con-
22	ducted by one or more eligible educational institu-
23	tions that is designed to address, or improve data
24	about, qualified environmental stressors for the pri-
25	mary purpose of improving, or facilitating the im-

1	provement of, health and economic outcomes of indi-
2	viduals residing in low-income areas or areas popu-
3	lated disproportionately by racial or ethnic minori-
4	ties.
5	"(2) Qualified environmental stressor.—
6	The term 'qualified environmental stressor' means,
7	with respect to an area, a contamination of the air,
8	water, soil, or food with respect to such area or a
9	change relative to historical norms of the weather
10	conditions of such area.
11	"(c) Eligible Educational Institution.—For
12	purposes of this section, the term 'eligible educational in-
13	stitution' means an institution of higher education (as
14	such term is defined in section 101 or 102(c) of the High-
15	er Education Act of 1965) that is eligible to participate
16	in a program under title IV of such Act.
17	"(d) Applicable Percentage.—For purposes of
18	this section, the term 'applicable percentage' means—
19	"(1) in the case of a program involving material
20	participation of faculty and students of an institu-
21	tion described in section 371(a) of the Higher Edu-
22	cation Act of 1965, 30 percent, and
23	"(2) in all other cases, 20 percent.
24	"(e) Credit Allocation.—
25	"(1) Allocation.—

1	"(A) IN GENERAL.—The Secretary shall
2	allocate credit dollar amounts under this section
3	to eligible educational institutions, for qualified
4	environmental justice programs, that—
5	"(i) submit applications at such time
6	and in such manner as the Secretary may
7	provide, and
8	"(ii) are selected by the Secretary
9	under subparagraph (B).
10	"(B) SELECTION CRITERIA.—The Sec-
11	retary, after consultation with the Secretary of
12	Energy, the Secretary of Education, the Sec-
13	retary of Health and Human Services, and the
14	Administrator of the Environmental Protection
15	Agency, shall select applications on the basis of
16	the following criteria:
17	"(i) The extent of participation of fac-
18	ulty and students of an institution de-
19	scribed in section 371(a) of the Higher
20	Education Act of 1965.
21	"(ii) The extent of the expected effect
22	on the health or economic outcomes of in-
23	dividuals residing in areas within the
24	United States that are low-income areas or

1	areas populated disproportionately by ra-
2	cial or ethnic minorities.
3	"(iii) The creation or significant ex-
4	pansion of qualified environmental justice
5	programs.
6	"(2) Limitations.—
7	"(A) In general.—The amount of the
8	credit determined under this section for any
9	taxable year to any eligible educational institu-
10	tion for any qualified environmental justice pro-
11	gram shall not exceed the excess of—
12	"(i) the credit dollar amount allocated
13	to such institution for such program under
14	this subsection, over
15	"(ii) the credits previously claimed by
16	such institution for such program under
17	this section.
18	"(B) FIVE-YEAR LIMITATION.—No
19	amounts paid or incurred after the 5-year pe-
20	riod beginning on the date a credit dollar
21	amount is allocated to an eligible educational
22	institution for a qualified environmental justice
23	program shall be taken into account under sub-
24	section (a) with respect to such institution for
25	such program.

1	"(C) Allocation Limitation.—The total
2	amount of credits that may be allocated under
3	the program shall not exceed—
4	"(i) \$1,000,000,000 for each of 2022,
5	2023, 2024, 2025, and 2026, and
6	"(ii) \$0 for each subsequent year.
7	"(f) Requirements.—
8	"(1) In general.—An eligible educational in-
9	stitution that has been allocated credit dollar
10	amounts under this section for a qualified environ-
11	mental justice project for a taxable year shall—
12	"(A) make publicly available the applica-
13	tion submitted to the Secretary under sub-
14	section (e) with respect to such project, and
15	"(B) submit an annual report to the Sec-
16	retary that describes the amounts paid or in-
17	curred for, and expected impact of, such
18	project.
19	"(2) Failure to comply.—In the case of an
20	eligible educations institution that has failed to com-
21	ply with the requirements of this subsection, the
22	credit dollar amount allocated to such institution
23	under this section is deemed to be \$0.

- 1 "(g) Public Disclosure.—The Secretary, upon
- 2 making an allocation of credit dollar amounts under this
- 3 section, shall publicly disclose—
- 4 "(1) the identity of the eligible educational in-
- 5 stitution receiving the allocation, and
- 6 "(2) the amount of such allocation.".
- 7 (b) Conforming Amendments.—
- 8 (1) Section 6211(b)(4)(A), as amended by the
- 9 preceding provisions of this Act, is amended by in-
- 10 serting "36D," after "36C,".
- 11 (2) Paragraph (2) of section 1324(b) of title
- 12 31, United States Code, as amended by the pre-
- ceding provisions of this Act, is amended by insert-
- ing "36D," after "36C,".
- 15 (c) CLERICAL AMENDMENT.—The table of sections
- 16 for subpart C of part IV of subchapter A of chapter 1,
- 17 as amended by the preceding provisions of this Act, is
- 18 amended by inserting after the item relating to section
- 19 36C the following new item:
 - "Sec. 36D. Qualified environmental justice programs.".
- 20 (d) Effective Date.—The amendments made by
- 21 this section shall take effect on the date of the enactment
- 22 of this Act.

TITLE VII—TREASURY REPORT

- 2 ON DATA FROM THE GREEN-
- 3 HOUSE GAS REPORTING PRO-
- 4 GRAM
- 5 SEC. 701. REPORT ON GREENHOUSE GAS REPORTING PRO-
- 6 GRAM.
- 7 (a) IN GENERAL.—Not later than 180 days after the
- 8 date of the enactment of this Act, the Secretary of the
- 9 Treasury (or the Secretary's delegate) shall submit a re-
- 10 port to Congress on the utility of the data from the Green-
- 11 house Gas Reporting Program for determining the amount
- 12 of greenhouse gases emitted by each taxpayer for the pur-
- 13 pose of imposing a fee on such taxpayers with respect to
- 14 such emissions. Such report shall include a detailed de-
- 15 scription and analysis of any administrative or other chal-
- 16 lenges associated with using such data for such purpose.
- 17 (b) Greenhouse Gas Reporting Program.—For
- 18 purposes of this section, the term "Greenhouse Gas Re-
- 19 porting Program" means the reporting program estab-
- 20 lished by the Administrator of the Environmental Protec-
- 21 tion Agency under title II of division F of the Consolidated
- 22 Appropriations Act, 2008.

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