## **Committee Print**

116TH CONGRESS 1ST SESSION

## H. R. 4230

To amend the Energy Independence and Security Act of 2007 to establish a program to incentivize innovation and to enhance the industrial competitiveness of the United States by developing technologies to reduce emissions of nonpower industrial sectors, and for other purposes.

## IN THE HOUSE OF REPRESENTATIVES

introduced the following bill; which was referred to the Committee on Science, Space, and Technology

## A BILL

To amend the Energy Independence and Security Act of 2007 to establish a program to incentivize innovation and to enhance the industrial competitiveness of the United States by developing technologies to reduce emissions of nonpower industrial sectors, 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,
- 3 SECTION 1. SHORT TITLE.
- 4 This Act may be cited as the "Clean Industrial Tech-
- 5 nology Act of 2019" or the "CIT Act of 2019".

1	SEC. 2. PURPOSE.
2	The purpose of this Act and the amendments made
3	by this Act is to encourage the development and evaluation
4	of innovative technologies aimed at increasing—
5	(1) the technological and economic competitive-
6	ness of industry and manufacturing in the United
7	States; and
8	(2) the emissions reduction of nonpower indus-
9	trial sectors.
10	SEC. 3. INDUSTRIAL EMISSIONS REDUCTION TECHNOLOGY
11	DEVELOPMENT PROGRAM.
12	(a) In General.—The Energy Independence and
13	Security Act of 2007 is amended by inserting after section
14	453 (42 U.S.C. 17112) the following:
15	"SEC. 454. INDUSTRIAL EMISSIONS REDUCTION TECH-
16	NOLOGY DEVELOPMENT PROGRAM.
17	"(a) Definitions.—In this section:
18	"(1) DIRECTOR.—The term 'Director' means
19	the Director of the Office of Science and Technology
20	
	Policy.
21	Policy.  "(2) ELIGIBLE ENTITY.—The term 'eligible en-
21 22	·
	"(2) ELIGIBLE ENTITY.—The term 'eligible en-
22	"(2) ELIGIBLE ENTITY.—The term 'eligible entity' means—
22 23	"(2) ELIGIBLE ENTITY.—The term 'eligible entity' means—  "(A) a scientist or other individual with

1	"(D) a National Laboratory;
2	"(E) a private entity; and
3	"(F) a partnership or consortium of 2 or
4	more entities described in subparagraphs (B)
5	through (E).
6	"(3) Emissions reduction.—
7	"(A) In general.—The term 'emissions
8	reduction' means the reduction, to the max-
9	imum extent practicable, of net nonwater green-
10	house gas emissions to the atmosphere by en-
11	ergy services and industrial processes.
12	"(B) Exclusion.—The term 'emissions
13	reduction' does not include the elimination of
14	carbon embodied in the principal products of in-
15	dustrial manufacturing.
16	"(4) Institution of higher education.—
17	The term 'institution of higher education' has the
18	meaning given the term in section 101 of the Higher
19	Education Act of 1965 (20 U.S.C. 1001).
20	"(5) Program.—The term 'program' means
21	the program established under subsection (b)(1).
22	"(b) Industrial Emissions Reduction Tech-
23	NOLOGY DEVELOPMENT PROGRAM.—
24	"(1) IN GENERAL.—Not later than 1 year after
25	the date of enactment of the CIT Act of 2019, the

1	Secretary, in coordination with the Director and in
2	consultation with the heads of relevant Federal
3	agencies, National Laboratories, industry, and insti-
4	tutions of higher education, shall establish a cross-
5	cutting industrial emissions reduction technology de-
6	velopment program of research, development, dem-
7	onstration, and commercial application to further
8	the development and commercialization of innovative
9	technologies that—
10	"(A) increase the technological and eco-
11	nomic competitiveness of industry and manufac-
12	turing in the United States; and
13	"(B) achieve emissions reduction in
14	nonpower industrial sectors.
15	"(2) Coordination.—In carrying out the pro-
16	gram, the Secretary shall—
17	"(A) coordinate with each relevant office in
18	the Department and any other Federal agency;
19	"(B) coordinate and collaborate with the
20	Industrial Technology Innovation Advisory
21	Committee established under section 455; and
22	"(C) coordinate with the energy-intensive
23	industries program established under section
24	452.

1	"(3) Leverage of existing resources.—In
2	carrying out the program, the Secretary shall lever-
3	age, to the maximum extent practicable—
4	"(A) existing resources and programs of
5	the Department and other relevant Federal
6	agencies; and
7	"(B) public-private partnerships.
8	"(c) Focus Areas.—The program shall focus on—
9	"(1) industrial production processes, including
10	technologies and processes that—
11	"(A) achieve emissions reduction in high-
12	emissions industrial materials production proc-
13	esses, including production processes for iron,
14	steel, steel mill products, aluminum, cement,
15	glass, pulp, paper, and industrial ceramics;
16	"(B) achieve emissions reduction in
17	medium- and high-temperature heat generation,
18	including—
19	"(i) through electrification of heating
20	processes;
21	"(ii) through renewable heat genera-
22	tion technology;
23	"(iii) through combined heat and
24	power; and

1	"(iv) by switching to alternative fuels,
2	including hydrogen;
3	"(C) achieve emissions reduction in chem-
4	ical production processes;
5	"(D) leverage smart manufacturing tech-
6	nologies and principles, digital manufacturing
7	technologies, and advanced data analytics to de-
8	velop advanced technologies and practices in in-
9	formation, automation, monitoring, computa-
10	tion, sensing, modeling, and networking that—
11	"(i) simulate manufacturing produc-
12	tion lines;
13	"(ii) monitor and communicate pro-
14	duction line status;
15	"(iii) manage and optimize energy
16	productivity and cost throughout produc-
17	tion; and
18	"(iv) model, simulate, and optimize
19	the energy efficiency of manufacturing
20	processes;
21	"(E) leverage the principles of sustainable
22	manufacturing and sustainable chemistry to
23	minimize the negative environmental impacts of
24	manufacturing while conserving energy and re-
25	sources, including—

1	"(i) by designing products that enable
2	reuse, refurbishment, remanufacturing,
3	and recycling;
4	"(ii) by minimizing waste from indus-
5	trial processes; and
6	"(iii) by reducing resource intensity;
7	and
8	"(F) increase the energy efficiency of in-
9	dustrial processes;
10	"(2) alternative materials that produce fewer
11	emissions during production and result in fewer
12	emissions during use, including—
13	"(A) innovative building materials;
14	"(B) high-performance lightweight mate-
15	rials; and
16	"(C) substitutions for critical materials
17	and minerals;
18	"(3) development of net-zero emissions liquid
19	and gaseous fuels;
20	"(4) emissions reduction in shipping, aviation,
21	and long distance transportation, including through
22	the use of alternative fuels;
23	"(5) carbon capture technologies for industrial
24	processes;

1	"(6) high-performance computing to develop ad-
2	vanced materials and manufacturing processes con-
3	tributing to the focus areas described in paragraphs
4	(1) through (5), including—
5	"(A) modeling, simulation, and optimiza-
6	tion of the design of energy efficient and sus-
7	tainable products; and
8	"(B) the use of digital prototyping and ad-
9	ditive manufacturing to enhance product de-
10	$\operatorname{sign};$
11	"(7) other technologies that achieve net-zero
12	emissions in nonpower industrial sectors as deter-
13	mined by Secretary in coordination with the Direc-
14	tor; and
15	"(8) incorporation of sustainable and green
16	chemistry and engineering principles, practices, and
17	methodologies, as the Secretary determines appro-
18	priate.
19	"(d) Grants, Contracts, Cooperative Agree-
20	MENTS, AND DEMONSTRATION PROJECTS.—
21	"(1) Grants.—In carrying out the program,
22	the Secretary shall award grants on a competitive
23	basis to eligible entities for projects that the Sec-
24	retary determines would best achieve the goals of the
25	program.

1	"(2) Contracts and cooperative agree-
2	MENTS.—In carrying out the program, the Secretary
3	may enter into contracts and cooperative agreements
4	with eligible entities and Federal agencies for
5	projects that the Secretary determines would further
6	the purposes of the program.
7	"(3) Demonstration projects.—In sup-
8	porting technologies developed under this section,
9	the Secretary shall fund demonstration projects that
10	test and validate technologies described in subsection
11	(e).
12	"(4) APPLICATION.—An entity seeking funding
13	or a contract or agreement under this subsection
14	shall submit to the Secretary an application at such
15	time, in such manner, and containing such informa-
16	tion as the Secretary may require.
17	"(5) Cost sharing.—In awarding funds under
18	this section, the Secretary shall require cost sharing
19	in accordance with section 988 of the Energy Policy
20	Act of 2005 (42 U.S.C. 16352).
21	"(e) Authorization of Appropriations.—
22	"(1) In general.—There are authorized to be
23	appropriated to the Secretary such sums as are nec-
24	essary to carry out this section for each fiscal year
25	during which the program is in effect.

1	"(2) Demonstration projects.—Of the
2	amount appropriated under paragraph (1), not more
3	than \$650,000,000 shall be used to carry out dem-
4	onstration projects under subsection (d)(3).".
5	(b) TECHNICAL AMENDMENT.—The table of contents
6	of the Energy Independence and Security Act of 2007
7	(Public Law 110–140; 121 Stat. 1494) is amended by in-
8	serting after the item relating to section 453 the following:
	"Sec. 454. Industrial emissions reduction technology development program.".
9	SEC. 4. INDUSTRIAL TECHNOLOGY INNOVATION ADVISORY
10	COMMITTEE.
11	(a) In General.—The Energy Independence and
	Security Act of 2007 is amended by inserting after section
12	Security fact of 2007 is afficient by inscrining after section
12 13	454 (as added by section 3(a)) the following:
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13	454 (as added by section 3(a)) the following:
13 14	454 (as added by section 3(a)) the following:  "SEC. 455. INDUSTRIAL TECHNOLOGY INNOVATION ADVI-
13 14 15	454 (as added by section 3(a)) the following:  "SEC. 455. INDUSTRIAL TECHNOLOGY INNOVATION ADVI- SORY COMMITTEE.
13 14 15 16	454 (as added by section 3(a)) the following:  "SEC. 455. INDUSTRIAL TECHNOLOGY INNOVATION ADVI- SORY COMMITTEE.  "(a) DEFINITIONS.—In this section:
13 14 15 16	454 (as added by section 3(a)) the following:  "SEC. 455. INDUSTRIAL TECHNOLOGY INNOVATION ADVI- SORY COMMITTEE.  "(a) Definitions.—In this section:  "(1) Committee.—The term 'Committee'
113 114 115 116 117	454 (as added by section 3(a)) the following:  "SEC. 455. INDUSTRIAL TECHNOLOGY INNOVATION ADVI- SORY COMMITTEE.  "(a) DEFINITIONS.—In this section:  "(1) COMMITTEE.—The term 'Committee' means the Industrial Technology Innovation Advi-
113 114 115 116 117 118 119	454 (as added by section 3(a)) the following:  "SEC. 455. INDUSTRIAL TECHNOLOGY INNOVATION ADVI- SORY COMMITTEE.  "(a) Definitions.—In this section:  "(1) Committee.—The term 'Committee' means the Industrial Technology Innovation Advisory Committee established under subsection (b).
13 14 15 16 17 18 19 20	454 (as added by section 3(a)) the following:  "SEC. 455. INDUSTRIAL TECHNOLOGY INNOVATION ADVI- SORY COMMITTEE.  "(a) DEFINITIONS.—In this section:  "(1) COMMITTEE.—The term 'Committee' means the Industrial Technology Innovation Advisory Committee established under subsection (b).  "(2) DIRECTOR.—The term 'Director' means
13 14 15 16 17 18 19 20 21	454 (as added by section 3(a)) the following:  "SEC. 455. INDUSTRIAL TECHNOLOGY INNOVATION ADVI- SORY COMMITTEE.  "(a) DEFINITIONS.—In this section:  "(1) COMMITTEE.—The term 'Committee' means the Industrial Technology Innovation Advisory Committee established under subsection (b).  "(2) DIRECTOR.—The term 'Director' means the Director of the Office of Science and Technology
13 14 15 16 17 18 19 20 21	454 (as added by section 3(a)) the following:  "SEC. 455. INDUSTRIAL TECHNOLOGY INNOVATION ADVI- SORY COMMITTEE.  "(a) DEFINITIONS.—In this section:  "(1) COMMITTEE.—The term 'Committee' means the Industrial Technology Innovation Advisory Committee established under subsection (b).  "(2) DIRECTOR.—The term 'Director' means the Director of the Office of Science and Technology Policy.

1	"(4) Program.—The term 'program' means
2	the industrial emissions reduction technology devel-
3	opment program established under section
4	454(b)(1).
5	"(b) Establishment.—Not later than 180 days
6	after the date of enactment of the CIT Act of 2019, the
7	Secretary, in coordination with the Director, shall estab-
8	lish an advisory committee, to be known as the 'Industrial
9	Technology Innovation Advisory Committee'.
10	"(c) Membership.—
11	"(1) Appointment.—The Committee shall be
12	comprised of not fewer than 14 members, who shall
13	be appointed by the Secretary, in coordination with
14	the Director.
15	"(2) Representation.—Members appointed
16	pursuant to paragraph (1) shall include—
17	"(A) not less than 1 representative of each
18	relevant Federal agency, as determined by the
19	Secretary;
20	"(B) not less than 2 representatives of
21	labor groups;
22	"(C) not less than 3 representatives of the
23	research community, which shall include aca-
24	demia and National Laboratories;

1	"(D) not less than 2 representatives of
2	nongovernmental organizations;
3	"(E) not less than 6 representatives of in-
4	dustry, the collective expertise of which shall
5	cover every focus area described in section
6	454(c); and
7	"(F) any other individual whom the Sec-
8	retary, in coordination with the Director, deter-
9	mines to be necessary to ensure that the Com-
10	mittee is comprised of a diverse group of rep-
11	resentatives of industry, academia, independent
12	researchers, and public and private entities.
13	"(3) Chair.—The Secretary shall designate a
14	member of the Committee to serve as Chair.
15	"(d) Duties.—
16	"(1) IN GENERAL.—The Committee shall—
17	"(A) in consultation with the Secretary
18	and the Director, develop the missions and
19	goals of the program, which shall be consistent
20	with the purposes of the program described in
21	section 454(b)(1); and
22	"(B) advise the Secretary and the Director
23	with respect to the program—
24	"(i) by identifying and evaluating any
25	technologies being developed by the private

1	sector relating to the focus areas described
2	in section 454(c);
3	"(ii) by identifying technology gaps in
4	the private sector in those focus areas, and
5	making recommendations to address those
6	gaps;
7	"(iii) by surveying and analyzing fac-
8	tors that prevent the adoption of emissions
9	reduction technologies by the private sec-
10	tor; and
11	"(iv) by recommending technology
12	screening criteria for technology developed
13	under the program to encourage adoption
14	of the technology by the private sector; and
15	"(C) develop the roadmap described in
16	paragraph (2).
17	"(2) Emissions reduction roadmap.—
18	"(A) Purpose.—The purpose of the road-
19	map developed under paragraph (1)(C) is to
20	achieve the goals of the program in the focus
21	areas described in section 454(c).
22	"(B) Contents.—The roadmap developed
23	under paragraph (1)(C) shall—
24	"(i) specify near-term and long-term
25	qualitative and quantitative objectives re-

1	lating to each focus area described in sec-
2	tion 454(c), including research, develop-
3	ment, demonstration, and commercial ap-
4	plication objectives;
5	"(ii) specify the anticipated timeframe
6	for achieving the objectives specified under
7	clause (i);
8	"(iii) include plans for developing
9	emissions reduction technologies that are
10	globally cost-competitive; and
11	"(iv) identify the appropriate role for
12	investment by the Federal Government, in
13	coordination with the private sector, to
14	achieve the objectives specified under
15	clause (i).
16	"(e) Meetings.—
17	"(1) Frequency.—The Committee shall meet
18	not less frequently than 2 times per year, at the call
19	of the Chair.
20	"(2) Initial meeting.—Not later than 30
21	days after the date on which the members are ap-
22	pointed under subsection (b), the Committee shall
23	hold its first meeting.
24	"(f) Committee Report.—

1	"(1) In general.—Not later than 2 years
2	after the date of enactment of the CIT Act of 2019,
3	and not less frequently than once every 3 years
4	thereafter, the Committee shall submit to the Sec-
5	retary a report on the progress of achieving the pur-
6	poses of the program.
7	"(2) Contents.—The report under paragraph
8	(1) shall include—
9	"(A) a description of any technology inno-
10	vation opportunities identified by the Com-
11	mittee;
12	"(B) a description of any technology gaps
13	identified by the Committee under subsection
14	(d)(1)(B)(ii);
15	"(C) recommendations for improving tech-
16	nology screening criteria and management of
17	the program;
18	"(D) an evaluation of the progress of the
19	program and the research and development
20	funded under the program;
21	"(E) any recommended changes to the
22	focus areas of the program described in section
23	454(c);
24	"(F) a description of the manner in which
25	the Committee has carried out the duties de-

1	scribed in subsection (d)(1) and any relevant
2	findings as a result of carrying out those duties;
3	"(G) the roadmap developed by the Com-
4	mittee under subsection (d)(1)(C);
5	"(H) the progress made in achieving the
6	goals set out in that roadmap;
7	"(I) a review of the management, coordina-
8	tion, and industry utility of the program;
9	"(J) an assessment of the extent to which
10	progress has been made under the program in
11	developing commercial, cost-competitive tech-
12	nologies in each focus area described in section
13	454(c); and
14	"(K) an assessment of the effectiveness of
15	the program in coordinating efforts within the
16	Department and with other Federal agencies to
17	achieve the purposes of the program.
18	"(g) Report to Congress.—Not later than 60 days
19	after receiving a report from the Committee under sub-
20	section (f), the Secretary shall submit a copy of that re-
21	port to the Committee on Science, Space, and Technology
22	of the House of Representatives, the Committee on En-
23	ergy and Natural Resources of the Senate, and any other
24	relevant Committee of Congress.

1	"(h) Applicability of Federal Advisory Com-
2	MITTEE ACT.—Except as otherwise provided in this sec-
3	tion, the Federal Advisory Committee Act (5 U.S.C. App.)
4	shall apply to the Committee.".
5	(b) TECHNICAL AMENDMENT.—The table of contents
6	of the Energy Independence and Security Act of 2007
7	(Public Law 110–140; 121 Stat. 1494) (as amended by
8	section 3(b)) is amended by inserting after the item relat-
9	ing to section 454 the following:
	"Sec. 455. Industrial Technology Innovation Advisory Committee.".
10	SEC. 5. TECHNICAL ASSISTANCE PROGRAM TO IMPLEMENT
11	INDUSTRIAL EMISSIONS REDUCTION.
12	(a) In General.—The Energy Independence and
13	Security Act of 2007 is amended by inserting after section
13 14	Security Act of 2007 is amended by inserting after section 455 (as added by section 4(a)) the following:
	· · ·
14	455 (as added by section 4(a)) the following:
14 15	455 (as added by section 4(a)) the following:  "SEC. 456. TECHNICAL ASSISTANCE PROGRAM TO IMPLE-
<ul><li>14</li><li>15</li><li>16</li></ul>	455 (as added by section 4(a)) the following:  "SEC. 456. TECHNICAL ASSISTANCE PROGRAM TO IMPLE- MENT INDUSTRIAL EMISSIONS REDUCTION.
<ul><li>14</li><li>15</li><li>16</li><li>17</li></ul>	455 (as added by section 4(a)) the following:  "SEC. 456. TECHNICAL ASSISTANCE PROGRAM TO IMPLE-  MENT INDUSTRIAL EMISSIONS REDUCTION.  "(a) DEFINITIONS.—In this section:
14 15 16 17 18	455 (as added by section 4(a)) the following:  "SEC. 456. TECHNICAL ASSISTANCE PROGRAM TO IMPLE-  MENT INDUSTRIAL EMISSIONS REDUCTION.  "(a) DEFINITIONS.—In this section:  "(1) ELIGIBLE ENTITY.—The term 'eligible en-
<ul><li>14</li><li>15</li><li>16</li><li>17</li><li>18</li><li>19</li></ul>	455 (as added by section 4(a)) the following:  "SEC. 456. TECHNICAL ASSISTANCE PROGRAM TO IMPLE-  MENT INDUSTRIAL EMISSIONS REDUCTION.  "(a) DEFINITIONS.—In this section:  "(1) ELIGIBLE ENTITY.—The term 'eligible entity' means—
14 15 16 17 18 19 20	455 (as added by section 4(a)) the following:  "SEC. 456. TECHNICAL ASSISTANCE PROGRAM TO IMPLE-  MENT INDUSTRIAL EMISSIONS REDUCTION.  "(a) DEFINITIONS.—In this section:  "(1) ELIGIBLE ENTITY.—The term 'eligible entity' means—  "(A) a State;
14 15 16 17 18 19 20 21	455 (as added by section 4(a)) the following:  "SEC. 456. TECHNICAL ASSISTANCE PROGRAM TO IMPLE-  MENT INDUSTRIAL EMISSIONS REDUCTION.  "(a) DEFINITIONS.—In this section:  "(1) ELIGIBLE ENTITY.—The term 'eligible entity' means—  "(A) a State;  "(B) a unit of local government;
14 15 16 17 18 19 20 21 22	455 (as added by section 4(a)) the following:  "SEC. 456. TECHNICAL ASSISTANCE PROGRAM TO IMPLE-  MENT INDUSTRIAL EMISSIONS REDUCTION.  "(a) DEFINITIONS.—In this section:  "(1) ELIGIBLE ENTITY.—The term 'eligible entity' means—  "(A) a State;  "(B) a unit of local government;  "(C) a territory or possession of the

1	"(E) a tribal organization (as defined in
2	section 3765 of title 38, United States Code);
3	"(F) an institution of higher education;
4	and
5	"(G) a private entity.
6	"(2) Emissions reduction.—The term 'emis-
7	sions reduction' has the meaning given the term in
8	section 454(a).
9	"(3) Institution of higher education.—
10	The term 'institution of higher education' has the
11	meaning given the term in section 101 of the Higher
12	Education Act of 1965 (20 U.S.C. 1001).
13	"(4) Program.—The term 'program' means
14	the program established under subsection (b).
15	"(b) Establishment.—Not later than 180 days
16	after the date of enactment of the CIT Act of 2019, the
17	Secretary shall establish a program to provide technical
18	assistance to eligible entities to promote the commercial
19	application of emission reduction technologies in nonpower
20	industrial sectors.
21	"(c) Applications.—
22	"(1) In general.—An eligible entity desiring
23	technical assistance under the program shall submit
24	to the Secretary an application at such time, in such

1	manner, and containing such information as the Sec-
2	retary may require.
3	"(2) Application process.—The Secretary
4	shall seek applications for technical assistance under
5	the program on a periodic basis, but not less fre-
6	quently than once every 12 months.
7	"(3) Priorities.—In selecting eligible entities
8	for technical assistance under the program, the Sec-
9	retary shall give priority to an eligible entity—
10	"(A) carrying out a commercial application
11	of technology that has the greatest potential for
12	emissions reduction in nonpower industrial sec-
13	tors;
14	"(B) located in a State that has histori-
15	cally relied on industrial sectors for a substan-
16	tial portion of the State economy, as deter-
17	mined by the Secretary, taking into account
18	employment data, per capita income, and other
19	indicators of economic output in the State; or
20	"(C) located in a State that has experi-
21	enced significant decline in the economic con-
22	tribution of industry to the State.
23	"(d) Authorization of Appropriations.—There
24	are authorized to be appropriated to the Secretary such

1	sums as are necessary to carry out this section for each
2	fiscal year during which the program is in effect.".
3	(b) TECHNICAL AMENDMENT.—The table of contents
4	of the Energy Independence and Security Act of 2007
5	(Public Law 110–140; 121 Stat. 1494) (as amended by
6	section 4(b)) is amended by inserting after the item relat-
7	ing to section 455 the following:
	"Sec. 456. Technical assistance program to implement industrial emissions reduction.".
8	SEC. 6. COORDINATION OF RESEARCH AND DEVELOPMENT
9	OF ENERGY EFFICIENT TECHNOLOGIES FOR
10	INDUSTRY.
<ul><li>10</li><li>11</li></ul>	INDUSTRY.  Section 6(a) of the American Energy Manufacturing
11 12	Section 6(a) of the American Energy Manufacturing
11 12	Section 6(a) of the American Energy Manufacturing Technical Corrections Act (42 U.S.C. 6351(a)) is amend-
<ul><li>11</li><li>12</li><li>13</li></ul>	Section 6(a) of the American Energy Manufacturing Technical Corrections Act (42 U.S.C. 6351(a)) is amended—
11 12 13 14	Section 6(a) of the American Energy Manufacturing Technical Corrections Act (42 U.S.C. 6351(a)) is amended—  (1) by striking "Industrial Technologies Pro-
11 12 13 14 15	Section 6(a) of the American Energy Manufacturing Technical Corrections Act (42 U.S.C. 6351(a)) is amended—  (1) by striking "Industrial Technologies Program" each place it appears and inserting "Ad-
<ul><li>11</li><li>12</li><li>13</li><li>14</li><li>15</li><li>16</li></ul>	Section 6(a) of the American Energy Manufacturing Technical Corrections Act (42 U.S.C. 6351(a)) is amended—  (1) by striking "Industrial Technologies Program" each place it appears and inserting "Advanced Manufacturing Office"; and
<ul><li>11</li><li>12</li><li>13</li><li>14</li><li>15</li><li>16</li><li>17</li></ul>	Section 6(a) of the American Energy Manufacturing Technical Corrections Act (42 U.S.C. 6351(a)) is amended—  (1) by striking "Industrial Technologies Program" each place it appears and inserting "Advanced Manufacturing Office"; and  (2) in the matter preceding paragraph (1), by