112TH CONGRESS 2D SESSION

H. R. 4017

To promote efficient energy use in the Federal and private sectors, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

February 14, 2012

Mr. Bass of New Hampshire (for himself, Mr. Matheson, Mr. Dold, Mr. Welch, Mr. Barrow, and Mr. Fitzpatrick) introduced the following bill; which was referred to the Committee on Energy and Commerce, and in addition to the Committees on Oversight and Government Reform and Science, Space, and Technology, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

A BILL

To promote efficient energy use in the Federal and private 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; TABLE OF CONTENTS.
- 4 (a) Short Title.—This Act may be cited as the
- 5 "Smart Energy Act".
- 6 (b) Table of Contents.—The table of contents for
- 7 this Act is as follows:
 - Sec. 1. Short title; table of contents.

TITLE I—FEDERAL ENERGY USE AND GENERATION

- Sec. 101. Utilizing energy savings performance contracts.
- Sec. 102. Demand response programs.
- Sec. 103. Federal data center consolidation.
- Sec. 104. Adoption of personal computer power savings techniques by Federal agencies.
- Sec. 105. Best practices for advanced metering.
- Sec. 106. Federal energy management and data collection standard.

TITLE II—PROVIDING OPPORTUNITIES FOR ENERGY EFFICIENCY IN BUSINESS AND INDUSTRY

- Sec. 201. Loan program for energy efficiency upgrades to existing buildings.
- Sec. 202. Coordination of research and development of energy efficient technologies for industry.
- Sec. 203. Combined heat and power and waste heat recovery.

1 TITLE I—FEDERAL ENERGY USE

2 AND GENERATION

- 3 SEC. 101. UTILIZING ENERGY SAVINGS PERFORMANCE
- 4 CONTRACTS AND UTILITY ENERGY SERVICE
- 5 CONTRACTS.
- 6 (a) Implementation of Energy Management
- 7 REQUIREMENTS.—Section 543(f)(10) of the National En-
- 8 ergy Conservation Policy Act (42 U.S.C. 8253(f)(10)) is
- 9 amended—
- 10 (1) in subparagraph (B)(i), by striking "To
- carry' and inserting "To the extent consistent with
- subparagraph (C), to carry";
- 13 (2) in subparagraph (B)(ii), by striking "A
- 14 Federal" and inserting "To the extent consistent
- with subparagraph (C), a Federal"; and
- 16 (3) by amending subparagraph (C) to read as
- 17 follows:
- 18 "(C) Implementation.—

"(i) GENERAL RULE.—Except as provided in clause (i) or (ii) of this subparagraph, each Federal agency shall implement the requirements under this subsection through private financing described in subparagraph (B)(i)(II).
"(ii) EXCEPTION.—A Federal agency

may implement the requirements under this subsection using appropriated funds described in subparagraph (B)(i)(I) if implementation pursuant to clause (i) of this subparagraph conflicts with the primary mission of the agency or facility, or if greater cost savings can be generated under a different program. A Federal agency shall provide a written justification for any decision to implement such requirements under this clause, including an analysis of the impact of such decision on the taxpayer.

"(iii) Federal agency may implement costs.—A Federal agency may implement the requirements under this subsection using appropriated funds described in subparagraph (B)(i)(I) to the extent necessary

1	to cover Federal administrative costs with
2	respect to implementation pursuant to
3	clause (i) of this subparagraph.".
4	(b) Termination Clauses.—Section 801(b)(2) of
5	the National Energy Conservation Policy Act (42 U.S.C.
6	8287(b)(2)) is amended—
7	(1) by striking "and" at the end of subpara-
8	graph (B);
9	(2) by striking the period at the end of sub-
10	paragraph (C)(iv) and inserting "; and"; and
11	(3) by adding at the end the following new sub-
12	paragraph:
13	"(D) require each agency to include in con-
14	tracts appropriate termination clauses for facili-
15	ties that will or may close before the end of the
16	term of the contract.".
17	(e) ESPCs for Electric Vehicles and Fueling
18	Infrastructure.—Section 804 of the National Energy
19	Conservation Policy Act (42 U.S.C. 8287c) is amended—
20	(1) by striking "or" at the end of subparagraph
21	(A);
22	(2) by striking the period at the end of sub-
23	paragraph (B) and inserting "; or"; and
24	(3) by adding at the end the following new sub-
25	paragraph:

1 "(C) a measure to support the use of elec-2 tric vehicles or the fueling or charging infra-3 structure necessary for electric vehicles.". 4 (d) UESCs for Electric Vehicles and Fueling Infrastructure.—Section 546 of the National Energy Conservation Policy Act (42 U.S.C. 8256) is amended in 6 subsection (c)(1) by inserting ", including measures taken 8 to finance the acquisition or use of electric-powered vehicles or their fueling infrastructure," after "demand". 10 SEC. 102. DEMAND RESPONSE PROGRAMS. 11 Section 543 of the National Energy Conservation Policy Act (42 U.S.C. 8253) is amended— 13 (1) by redesignating the second subsection (f) 14 as subsection (g); and 15 (2) by adding at the end the following new subsection: 16 17 "(h) Demand Response Programs.—To carry out this section, a Federal agency shall participate in demand 18 response programs offered by electric utilities, Inde-19 pendent System Operators, Regional Transmission Orga-21 nizations, and demand response aggregators, where such programs are available, if such participation does not conflict with the primary mission of the agency or facility, in order to support electric grid reliability and security

and reduce energy bills for the agency or facility.".

1 SEC. 103. FEDERAL DATA CENTER CONSOLIDATION.

2	(a) Definition.—In this section, the term "Federal
3	data center" means a room or space in a Federal building
4	that is used for housing computer servers, data storage
5	devices, or network equipment, including server closets.
6	(b) OMB REQUIREMENTS.—The Director of the Of-
7	fice of Management and Budget shall direct the Federal
8	Chief Information Officer to—
9	(1) require that agencies, when updating their
10	Federal data center inventories in the third quarter
11	of each fiscal year, state what actions have been
12	taken to verify the inventories and to identify any
13	limitations of this information;
14	(2) require that agencies complete the missing
15	elements in their respective plans and submit com-
16	plete Federal data center consolidation plans, or pro-
17	vide a schedule for when they will do so, not later
18	than 180 days after the date of enactment of this
19	Act;
20	(3) require agencies to consider consolidation
21	challenges and lessons learned when updating their
22	consolidation plans; and
23	(4) utilize the existing accountability infrastruc-
24	ture by requiring the Data Center Consolidation
25	Task Force to assess agency consolidation plans to

- 1 ensure they are complete and to monitor the agen-
- 2 cies' implementation of their plans.
- 3 (c) Department and Agency Requirements.—
- 4 Each of the department secretaries and agency heads of
- 5 the 23 departments and agencies participating in the Of-
- 6 fice of Management and Budget's Federal data center con-
- 7 solidation initiative shall—
- 8 (1) direct their component agencies and their
- 9 Federal data center consolidation program managers
- to complete the missing elements in their respective
- 11 Federal data center consolidation inventories and
- plans; and
- 13 (2) require their Federal data center consolida-
- tion program managers to consider consolidation
- challenges and lessons learned when updating their
- 16 consolidation plans.
- 17 SEC. 104. ADOPTION OF PERSONAL COMPUTER POWER
- 18 SAVINGS TECHNIQUES BY FEDERAL AGEN-
- 19 **CIES.**
- 20 (a) IN GENERAL.—Not later than 360 days after the
- 21 date of enactment of this Act, the Secretary of Energy,
- 22 in consultation with the Secretary of Defense, the Sec-
- 23 retary of Veterans Affairs, and the Administrator of Gen-
- 24 eral Services, shall issue guidance for Federal agencies to
- 25 employ advanced tools allowing energy savings through

the use of computer hardware, energy efficiency software, 2 and power management tools. 3 (b) Reports on Plans and Savings.—Not later than 180 days after the date of the issuance of the guid-5 ance under subsection (a), each Federal agency shall sub-6 mit to the Secretary of Energy a report that describes— 7 (1) the plan of the agency for implementing the 8 guidance within the agency; and 9 (2) estimated energy and financial savings from 10 employing the tools described in subsection (a). SEC. 105. BEST PRACTICES FOR ADVANCED METERING. 12 Section 543(e) of the National Energy Conservation Policy Act (42 U.S.C. 8253(e)) is amended by striking paragraph (3) and inserting the following: 14 15 "(3) Plan.— "(A) IN GENERAL.—Not later than 180 16 17 days after the date on which guidelines are es-18 tablished under paragraph (2), in a report sub-19 mitted by the agency under section 548(a), each 20 agency shall submit to the Secretary a plan de-21 scribing the manner in which the agency will 22 implement the requirements of paragraph (1),

including—

1	"(i) how the agency will designate
2	personnel primarily responsible for achiev-
3	ing the requirements; and
4	"(ii) a demonstration by the agency,
5	complete with documentation, of any find-
6	ing that advanced meters or advanced me-
7	tering devices (as those terms are used in
8	paragraph (1)), are not practicable.
9	"(B) UPDATES.—Reports submitted under
10	subparagraph (A) shall be updated annually.
11	"(4) Best practices report.—
12	"(A) In General.—Not later than 180
13	days after the date of enactment of the Smart
14	Energy Act, the Secretary of Energy, in con-
15	sultation with the Secretary of Defense and the
16	Administrator of General Services, shall de-
17	velop, and issue a report on, best practices for
18	the use of advanced metering of energy use in
19	Federal facilities, buildings, and equipment by
20	Federal agencies.
21	"(B) UPDATING.—The report described
22	under subparagraph (A) shall be updated annu-
23	ally.
24	"(C) Components.—The report shall in-
25	clude, at a minimum—

1	"(i) summaries and analysis of the re-
2	ports by agencies under paragraph (3);
3	"(ii) recommendations on standard re-
4	quirements or guidelines for automated en-
5	ergy management systems, including—
6	"(I) potential common commu-
7	nications standards to allow data
8	sharing and reporting;
9	"(II) means of facilitating contin-
10	uous commissioning of buildings and
11	evidence-based maintenance of build-
12	ings and building systems; and
13	"(III) standards for sufficient
14	levels of security and protection
15	against cyber threats to ensure sys-
16	tems cannot be controlled by unau-
17	thorized persons; and
18	''(iii) an analysis of—
19	"(I) the types of advanced meter-
20	ing and monitoring systems being pi-
21	loted, tested, or installed in Federal
22	buildings; and
23	"(II) existing techniques used
24	within the private sector or other non-
25	Federal government buildings.".

1	SEC. 106. FEDERAL ENERGY MANAGEMENT AND DATA COL-
2	LECTION STANDARD.
3	Section 543 of the National Energy Conservation
4	Policy Act (42 U.S.C. 8253) is amended—
5	(1) by redesignating the second subsection (f)
6	(as added by section $434(a)$ of Public Law $110-140$
7	(121 Stat. 1614)) as subsection (g); and
8	(2) in subsection $(f)(7)$, by striking subpara-
9	graph (A) and inserting the following:
10	"(A) IN GENERAL.—For each facility that
11	meets the criteria established by the Secretary
12	under paragraph (2)(B), the energy manager
13	shall use the web-based tracking system under
14	subparagraph (B)—
15	"(i) to certify compliance with the re-
16	quirements for—
17	"(I) energy and water evalua-
18	tions under paragraph (3);
19	(Π) implementation of identified
20	energy and water measures under
21	paragraph (4); and
22	"(III) follow-up on implemented
23	measures under paragraph (5); and
24	"(ii) to publish energy and water con-
25	sumption data on an individual facility
26	basis.''.

1	TITLE II—PROVIDING OPPORTU-
2	NITIES FOR ENERGY EFFI-
3	CIENCY IN BUSINESS AND IN-
4	DUSTRY
5	SEC. 201. LOAN PROGRAM FOR ENERGY EFFICIENCY UP-
6	GRADES TO EXISTING BUILDINGS.
7	Title XVII of the Energy Policy Act of 2005 (42
8	U.S.C. 16511 et seq.) is amended by adding at the end
9	the following:
10	"SEC. 1706. BUILDING RETROFIT FINANCING PROGRAM.
11	"(a) Definitions.—In this section:
12	"(1) Credit support.—The term 'credit sup-
13	port' means a guarantee or commitment to issue a
14	guarantee or other forms of credit enhancement to
15	ameliorate risks for efficiency obligations.
16	"(2) Efficiency obligation.—The term 'effi-
17	ciency obligation' means a debt or repayment obliga-
18	tion incurred in connection with financing a project,
19	or a portfolio of such debt or payment obligations.
20	"(3) Project.—The term 'project' means the
21	installation and implementation of efficiency, ad-
22	vanced metering, distributed generation, or renew-
23	able energy technologies and measures in a building
24	(or in multiple buildings on a given property) that

are expected to increase the energy efficiency of the

1	building (including fixtures) in accordance with cri-
2	teria established by the Secretary.
3	"(b) Eligible Projects.—
4	"(1) In General.—Notwithstanding sections
5	1703 and 1705, the Secretary may provide credit
6	support under this section, in accordance with sec-
7	tion 1702.
8	"(2) Inclusions.—Buildings eligible for credit
9	support under this section include commercial, mul-
10	tifamily residential, industrial, municipal, govern-
11	ment, institution of higher education, school, and
12	hospital facilities that satisfy criteria established by
13	the Secretary.
14	"(c) Guidelines.—
15	"(1) In general.—Not later than 180 days
16	after the date of enactment of this section, the Sec-
17	retary shall—
18	"(A) establish guidelines for credit support
19	provided under this section; and
20	"(B) publish the guidelines in the Federal
21	Register; and
22	"(C) provide for an opportunity for public
23	comment on the guidelines.

1	"(2) Requirements.—The guidelines estab-
2	lished by the Secretary under this subsection shall
3	include—
4	"(A) standards for assessing the energy
5	savings that could reasonably be expected to re-
6	sult from a project;
7	"(B) examples of financing mechanisms
8	(and portfolios of such financing mechanisms)
9	that qualify as efficiency obligations;
10	"(C) the threshold levels of energy savings
11	that a project, at the time of issuance of credit
12	support, shall be reasonably expected to achieve
13	to be eligible for credit support;
14	"(D) the eligibility criteria the Secretary
15	determines to be necessary for making credit
16	support available under this section; and
17	"(E) notwithstanding subsections (d)(3)
18	and (g)(2)(B) of section 1702, lien priority and
19	credit risk protections established by the Sec-
20	retary, in consultation with the Director of the
21	Office of Management and Budget, which shall
22	include—
23	"(i) requirements to preserve priority
24	lien status of secured lenders and creditors
25	in buildings eligible for credit support;

1	"(ii) remedies available to the Sec-
2	retary under chapter 176 of title 28,
3	United States Code, in the event of default
4	on the efficiency obligation by the bor-
5	rower; and
6	"(iii) measures to limit the exposure
7	of the Secretary to financial risk in the
8	event of default, such as—
9	"(I) the collection of a credit sub-
10	sidy fee from the borrower as a loan
11	loss reserve, taking into account the
12	limitation on credit support under
13	subsection (d);
14	"(II) minimum debt-to-income
15	levels of the borrower;
16	"(III) minimum levels of value
17	relative to outstanding mortgage or
18	other debt on a building eligible for
19	credit support;
20	"(IV) allowable thresholds for the
21	percent of the efficiency obligation rel-
22	ative to the amount of any mortgage
23	or other debt on an eligible building;

1	"(V) analysis of historic and an-
2	ticipated occupancy levels and rental
3	income of an eligible building;
4	"(VI) requirements of third-party
5	contractors to guarantee energy sav-
6	ings that will result from a retrofit
7	project, and whether financing on the
8	efficiency obligation will amortize
9	from the energy savings;
10	"(VII) requirements that the ret-
11	rofit project incorporate protocols to
12	measure and verify energy savings;
13	and
14	"(VIII) recovery of payments
15	equally by the Secretary and the ret-
16	rofit.
17	"(3) Efficiency obligations.—The financing
18	mechanisms qualified by the Secretary under para-
19	graph (2)(B) may include—
20	"(A) loans, including loans made by the
21	Federal Financing Bank;
22	"(B) power purchase agreements, including
23	energy efficiency power purchase agreements;
24	"(C) energy services agreements, including
25	energy performance contracts;

1	"(D) property assessed clean energy bonds
2	and other tax assessment-based financing mech-
3	anisms;
4	"(E) aggregate on-meter agreements that
5	finance retrofit projects; and
6	"(F) any other efficiency obligations the
7	Secretary determines to be appropriate.
8	"(4) Priorities.—In carrying out this section,
9	the Secretary shall prioritize—
10	"(A) the maximization of energy savings
11	with the available credit support funding;
12	"(B) the establishment of a clear applica-
13	tion and approval process that allows private
14	building owners, lenders, and investors to rea-
15	sonably expect to receive credit support for
16	projects that conform to guidelines;
17	"(C) the distribution of projects receiving
18	credit support under this section across States
19	or geographical regions of the United States;
20	and
21	"(D) projects designed to achieve whole-
22	building retrofits.
23	"(d) Limitation.—Notwithstanding section 1702(e),
24	the Secretary shall not issue credit support under this sec-
25	tion in an amount that exceeds—

1	"(1) 90 percent of the principal amount of the
2	efficiency obligation that is the subject of the credit
3	support; or
4	"(2) \$10,000,000 for any single project.
5	"(e) Aggregation of Projects.—To the extent
6	provided in the guidelines developed in accordance with
7	subsection (c), the Secretary may issue credit support on
8	a portfolio, or pool of projects, that are not required to
9	be geographically contiguous, if each efficiency obligation
10	in the pool fulfills the requirements described in this sec-
11	tion.
12	"(f) Application.—
13	"(1) In general.—To be eligible to receive
14	credit support under this section, the applicant shall
15	submit to the Secretary an application at such time,
16	in such manner, and containing such information as
17	the Secretary determines to be necessary.
18	"(2) Contents.—An application submitted
19	under this section shall include assurances by the
20	applicant that—
21	"(A) each contractor carrying out the
22	project meets minimum experience level criteria,
23	including local retrofit experience, as deter-
24	mined by the Secretary;

1	"(B) the project is reasonably expected to
2	achieve energy savings, as set forth in the appli-
3	cation using any methodology that meets the
4	standards described in the program guidelines;
5	"(C) the project meets any technical cri-
6	teria described in the program guidelines;
7	"(D) the recipient of the credit support
8	and the parties to the efficiency obligation will
9	provide the Secretary with—
10	"(i) any information the Secretary re-
11	quests to assess the energy savings that re-
12	sult from the project, including historical
13	energy usage data, a simulation-based
14	benchmark, and detailed descriptions of
15	the building work, as described in the pro-
16	gram guidelines; and
17	"(ii) permission to access information
18	relating to building operations and usage
19	for the period described in the program
20	guidelines; and
21	"(E) any other assurances that the Sec-
22	retary determines to be necessary.
23	"(3) Determination.—Not later than 90 days
24	after receiving an application, the Secretary shall

1	make a final determination on the application, which
2	may include requests for additional information.
3	"(g) Fees.—
4	"(1) In general.—In addition to the fees re-
5	quired by section 1702(h)(1), the Secretary may
6	charge reasonable fees for credit support provided
7	under this section.
8	"(2) Availability.—Fees collected under this
9	section shall be subject to section $1702(h)(2)$.
10	"(h) Underwriting.—The Secretary may delegate
11	the underwriting activities under this section to 1 or more
12	entities that the Secretary determines to be qualified.
13	"(i) Report.—Not later than 1 year after com-
14	mencement of the program, the Secretary shall submit to
15	the appropriate committees of Congress a report that de-
16	scribes in reasonable detail—
17	"(1) the manner in which this section is being
18	carried out;
19	"(2) the number and type of projects sup-
20	ported;
21	"(3) the types of funding mechanisms used to
22	provide credit support to projects;
23	"(4) the energy savings expected to result from
24	projects supported by this section:

1	"(5) any tracking efforts the Secretary is using
2	to calculate the actual energy savings produced by
3	the projects; and
4	"(6) any plans to improve the tracking efforts
5	described in paragraph (5).".
6	SEC. 202. COORDINATION OF RESEARCH AND DEVELOP-
7	MENT OF ENERGY EFFICIENT TECH-
8	NOLOGIES FOR INDUSTRY.
9	(a) In General.—As part of the research and devel-
10	opment activities of the Advanced Manufacturing Office
11	of the Department of Energy, the Secretary of Energy
12	shall establish, as appropriate, collaborative research and
13	development partnerships with other programs within the
14	Office of Energy Efficiency and Renewable Energy (in-
15	cluding the Building Technologies Program), the Office of
16	Electricity Delivery and Energy Reliability, and the Office
17	of Science that—
18	(1) leverage the research and development ex-
19	pertise of those programs to promote early stage en-
20	ergy efficiency technology development;
21	(2) support the use of innovative manufacturing
22	processes and applied research for development,
23	demonstration, and commercialization of new tech-
24	nologies and processes to improve efficiency, reduce

1	emissions, reduce industrial waste, and improve in-
2	dustrial cost-competitiveness; and
3	(3) apply the knowledge and expertise of the
4	Advanced Manufacturing Office to help achieve the
5	program goals of the other programs.
6	(b) Reports.—Not later than 2 years after the date
7	of enactment of this Act and biennially thereafter, the Sec-
8	retary of Energy shall submit to Congress a report that
9	describes actions taken to carry out subsection (a) and the
10	results of those actions.
11	SEC. 203. COMBINED HEAT AND POWER AND WASTE HEAT
12	RECOVERY.
13	(a) Goal.—It is the goal of the United States to,
	(a) GOAL.—It is the goal of the United States to, not later than December 31, 2020, achieve a doubling of
13	
13 14	not later than December 31, 2020, achieve a doubling of
13 14 15	not later than December 31, 2020, achieve a doubling of the production of electricity from combined heat and
13 14 15 16	not later than December 31, 2020, achieve a doubling of the production of electricity from combined heat and power and waste heat recovery in the United States from
13 14 15 16 17	not later than December 31, 2020, achieve a doubling of the production of electricity from combined heat and power and waste heat recovery in the United States from the current level of approximately 85 to at least 170
13 14 15 16 17 18	not later than December 31, 2020, achieve a doubling of the production of electricity from combined heat and power and waste heat recovery in the United States from the current level of approximately 85 to at least 170 gigawatts by 2020 and thereby improve the energy effi-
13 14 15 16 17	not later than December 31, 2020, achieve a doubling of the production of electricity from combined heat and power and waste heat recovery in the United States from the current level of approximately 85 to at least 170 gigawatts by 2020 and thereby improve the energy efficiency of the industrial sector.
13 14 15 16 17 18 19 20	not later than December 31, 2020, achieve a doubling of the production of electricity from combined heat and power and waste heat recovery in the United States from the current level of approximately 85 to at least 170 gigawatts by 2020 and thereby improve the energy efficiency of the industrial sector. (b) STRATEGIC PLAN.—
13 14 15 16 17 18 19 20 21	not later than December 31, 2020, achieve a doubling of the production of electricity from combined heat and power and waste heat recovery in the United States from the current level of approximately 85 to at least 170 gigawatts by 2020 and thereby improve the energy efficiency of the industrial sector. (b) Strategic Plan.— (1) In General.—Not later than 1 year after

the heads of other appropriate Federal agencies,

1	shall transmit to the Congress and make available to
2	the public a strategic plan, or update thereof, to
3	achieve the national goal established under sub-
4	section (a).
5	(2) Public input and comment.—The Sec-
6	retary shall develop the strategic plan in a manner
7	that provides appropriate opportunities for public
8	input and comment.
9	(3) Plan contents.—The strategic plan
10	shall—
11	(A) establish policy priorities and identify
12	requirements to ensure compliance with the na-
13	tional goal established under subsection (a);
14	(B) include estimates for achievable in-
15	creases in combined heat and power and waste
16	heat recovery production and for energy savings
17	that will be achieved by those increases; and
18	(C) include data collection and compilation
19	methodologies used to establish baselines and
20	document energy savings data.
21	(4) Plan updates.—
22	(A) Inclusion in national energy pol-
23	ICY PLAN.—The Secretary shall include each
24	updated strategic plan in the National Energy
25	Policy Plan required by section 801 of the De-

1	partment of Energy Organization Act (42
2	U.S.C. 7321).
3	(B) Contents.—In updating the strategic
4	plan, the Secretary shall—
5	(i) report on progress made toward
6	implementing combined heat and power
7	and waste heat recovery policies to achieve
8	the national goal established under sub-
9	section (a); and
10	(ii) verify, to the maximum extent
11	practicable, energy savings resulting from
12	those policies.

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