

Offsetting collections (cash) from:			
88.00	Federal sources	-16	-16
88.40	Non-Federal sources	-17	-17
88.90	Total, offsetting collections (cash)	-33	-16

Net budget authority and outlays:			
89.00	Budget authority		
90.00	Outlays	-5	

The charter of the DOE isotope production and distribution program covers the production and sale of radioactive and stable isotopes, associated byproducts, surplus materials such as lithium and helium, and related isotope services to the use community utilizing Government-owned facilities. Services include, but are not limited to, irradiation services, target preparation and processing, source encapsulation and other special preparations, analyses, chemical separations, and the lease of stable isotopes for research purposes. The isotopes are priced to recover their production cost.

Object Classification (in millions of dollars)			
Identification code 89-4180-0-3-271	2007 actual	2008 est.	2009 est.
Reimbursable obligations:			
25.1	Advisory and assistance services	5	3
25.2	Other services	2	1
25.4	Operation and maintenance of facilities	19	10
32.0	Land and structures	4	2
99.9	Total new obligations	30	16

TITLE 17 INNOVATIVE TECHNOLOGY LOAN GUARANTEE LOAN PROGRAM

[For the cost of the guaranteed loans as authorized by section 1702(b)(2) of the Energy Policy Act of 2005, such sums as are hereafter derived from amounts received from borrowers pursuant to section 1702(b)(2) of that Act, to remain available until September 30, 2009] Subject to section 502 of the Congressional Budget Act of 1974, during fiscal years 2008 through 2010 commitments to guarantee loans under Title XVII of the Energy Policy Act of 2005 shall not exceed a total principal amount, any part of which is to be guaranteed, of \$20,000,000,000 for eligible projects (other than nuclear power facilities), and during fiscal years 2008 through 2011 commitments to guarantee loans under Title XVII shall not exceed a total principal amount, any part of which is to be guaranteed of \$18,500,000,000 for eligible nuclear power facilities: Provided, That these amounts are in addition to the authority provided under section 20320 of Division B of Public Law 109-289, as amended by Public Law 110-5: Provided further, That such sums as are derived from amounts received from borrowers pursuant to section 1702(b)(2) of the Energy Policy Act of 2005 under this heading in this and prior Acts, shall be collected in accordance with section 502(7) of the Congressional Budget Act of 1974: Provided further, That the source of such payment received from borrowers is not a loan or other debt obligation that is guaranteed by the Federal Government: Provided further, [That none of the funds made available in this or prior Acts shall be available for the execution of a new solicitation with respect to such guaranteed loans until 45 days after the Department of Energy has submitted to the Committees on Appropriations a loan guarantee implementation plan that defines the proposed award levels and eligible technologies: Provided further, That the Department shall not deviate from such plan without 45 days prior notice to the Committees:] That pursuant to section 1702(b)(2) of the Energy Policy Act of 2005, no appropriations are available to pay the subsidy cost of such guarantees: Provided further, That for necessary administrative expenses to carry out this Loan Guarantee program, [\$5,500,000] \$19,880,000 is appropriated, to remain available until expended: Provided further, That \$19,880,000 of the fees collected pursuant to section 1702(h) of the Energy Policy Act of 2005 shall be credited as offsetting collections to this account to cover administrative expenses and shall remain available until expended, so as to result in a final fiscal year [2008] 2009 appropriation from the general fund estimated at not more than \$0: Provided further, That fees collected under section 1702(h) in excess of the amount appropriated for admin-

istrative expenses shall not be available until appropriated. (Energy and Water Development and Related Agencies Appropriations Act, 2008.)

Program and Financing (in millions of dollars)

Identification code 89-0208-0-1-271	2007 actual	2008 est.	2009 est.
Obligations by program activity:			
00.09	Administrative expenses	5	
09.01	Reimbursable program (Administrative Expenses)	1	20
09.02	Title 17 loan guarantees (reimbursable)	90	
09.99	Total reimbursable program	91	20
10.00	Total new obligations	96	20
Budgetary resources available for obligation:			
22.00	New budget authority (gross)	96	20
23.95	Total new obligations	-96	-20
24.40	Unobligated balance carried forward, end of year		
New budget authority (gross), detail:			
Discretionary:			
40.00	Appropriation	5	
Spending authority from offsetting collections:			
58.00	Offsetting collections (cash)	90	
58.00	Offsetting collections (cash)	1	20
58.90	Spending authority from offsetting collections (total discretionary)	91	20
70.00	Total new budget authority (gross)	96	20
Change in obligated balances:			
72.40	Obligated balance, start of year		45
73.10	Total new obligations	96	20
73.20	Total outlays (gross)	-51	-65
74.40	Obligated balance, end of year	45	
Outlays (gross), detail:			
86.90	Outlays from new discretionary authority	51	20
86.93	Outlays from discretionary balances		45
87.00	Total outlays (gross)	51	65
Offsets:			
Against gross budget authority and outlays:			
Offsetting collections (cash) from:			
88.40	Non-Federal sources	-1	-20
88.40	Non-Federal sources	-90	
88.90	Total, offsetting collections (cash)	-91	-20
Net budget authority and outlays:			
89.00	Budget authority	5	
90.00	Outlays	-40	45

Summary of Loan Levels, Subsidy Budget Authority and Outlays by Program (in millions of dollars)

Identification code 89-0208-0-1-271	2007 actual	2008 est.	2009 est.
Guaranteed loan levels supportable by subsidy budget authority:			
215001	Innovative Technology Loan Guarantees	600	2,220
215999	Total loan guarantee levels	600	2,220
Guaranteed loan subsidy (in percent):			
232001	Innovative Technology Loan Guarantees	0.00	0.00
232999	Weighted average subsidy rate	0.00	0.00
Guaranteed loan subsidy budget authority:			
233001	Innovative Technology Loan Guarantees	90	
233999	Total subsidy budget authority	90	
Guaranteed loan subsidy outlays:			
234001	Innovative Technology Loan Guarantees	45	45
234999	Total subsidy outlays	45	45
Administrative expense data:			
3510	Budget authority	6	20
3590	Outlays from new authority	6	20

TITLE 17 INNOVATIVE TECHNOLOGY LOAN GUARANTEE LOAN PROGRAM—Continued

The Loan Guarantee Program Office will consider and coordinate Departmental action on all loan guarantee applications submitted to the Department of Energy in compliance with Title XVII of the Energy Policy Act of 2005. Section 1703 of that Act authorizes the Department to provide loan guarantees for renewable energy systems, advanced nuclear facilities, coal gasification, carbon sequestration, energy efficiency, and many other types of projects. These projects must avoid, reduce, or sequester air pollutants or anthropogenic emissions of greenhouse gases; employ new or significantly improved technologies compared to commercial technologies in service in the United States at the time the guarantee is issued; and offer a reasonable prospect of repayment of the principal and interest on the guaranteed obligation.

On October 23, 2007, the Department published in the Federal Register final regulations for the loan guarantee program as authorized by Title XVII of the Energy Policy Act of 2005 (EPAct). The final rule was the culmination of a public rule-making process, which began with a Notice of Proposed Rule-making published on May 16, 2007. DOE is implementing this program under authorizing law that allows borrowers to pay the credit subsidy costs of these loan guarantees. DOE is not seeking appropriations for the credit subsidy costs.

On October 4, 2007, the Department invited 16 project sponsors, who submitted pre-applications under the first solicitation in the Fall of 2006, to submit full applications for loan guarantees. These projects include advanced technologies involving the use of biomass, fossil energy, solar, industrial energy efficiency, electricity delivery and energy reliability, hydrogen, and alternative fuel vehicles. The decision to issue loan guarantees will depend on the merits and benefits of particular project proposals and their compliance with statutory and regulatory requirements.

During fiscal year 2008 through 2011, commitments to guarantee loans under Title XVII of the Energy Policy Act of 2005, will total \$38.5 billion. In the Energy and Water Development and Related Agencies Appropriations Act, 2008, Congress authorized the Department to issue loan guarantees under the Title XVII program until September 30, 2009. The Budget now extends that authorization through fiscal years 2010 and 2011, and specifies amounts and uses of loan guarantee authority for those periods consistent with Congressional guidance accompanying the FY 2008 appropriations act. Of the total provided, \$20.0 billion will be available through fiscal year 2010 to support eligible projects other than nuclear power plants. The remaining \$18.5 billion will be available through fiscal year 2011 to support nuclear power plants. The \$38.5 billion provided in FY 2008 through 2011 will be in addition to the \$4.0 billion in authority provided in FY 2007 under P.L. 110-05 Section 20320(a). Loan volume utilized may not be reused.

Because DOE has not yet evaluated the potential subsidy costs for any projects that might be eligible for Title XVII loan guarantees, the fiscal year 2009 budget reflects placeholder estimates for borrower paid loan guarantee subsidy costs, based on an illustrative portfolio. These estimates are not related to any specific project proposals.

DOE will calculate the credit subsidy cost of any loan guarantee on a case-by-case basis in accordance with FCRA and OMB Circular A-11. For any project, the terms and conditions of the guaranteed debt, the risks associated with the project, and any other factor that affects the amount and timing of such cash flows will affect the credit subsidy cost calculation.

The Loan Guarantee Program Office will centralize loan guarantee services for the Department to ensure all processes and criteria are applied uniformly in accordance with established requirements, procedures and guidelines. The Department requests \$19.9 million in funding in fiscal year 2009

to run the Office and support personnel and associated costs. This request will be offset by collections authorized under EPACT 2005. To ensure that the Department meets statutory requirements and implements effective management and oversight of its loan guarantee activities, program funding also will support the procurement of outside expertise in areas such as finance, project engineering, and commercial market assessment.

As required by the Federal Credit Reform Act of 1990, this account records, for this program, the subsidy costs associated with the loan guarantees committed in 1992 and beyond (including modifications of direct loans or loan guarantees that resulted from obligations or commitments in any year), as well as administrative expenses of this program. The subsidy amounts are estimated on a present value basis; the administrative expenses are estimated on a cash basis.

Object Classification (in millions of dollars)

Identification code 89-0208-0-1-271	2007 actual	2008 est.	2009 est.
Direct obligations:			
11.1 Personnel compensation: Full-time permanent		2	
25.2 Other services		3	
99.0 Direct obligations		5	
99.0 Reimbursable obligations		90	20
99.5 Below reporting threshold		1	
99.9 Total new obligations		96	20

Employment Summary

Identification code 89-0208-0-1-271	2007 actual	2008 est.	2009 est.
Direct:			
1001 Civilian full-time equivalent employment		16	
Reimbursable:			
2001 Civilian full-time equivalent employment			35

TITLE 17 INNOVATIVE TECHNOLOGY GUARANTEED LOAN FINANCING ACCOUNT

Program and Financing (in millions of dollars)

Identification code 89-4577-0-4-271	2007 actual	2008 est.	2009 est.
Obligations by program activity:			
00.01 Default claim payments		1	3
10.00 Total new obligations		1	3
Budgetary resources available for obligation:			
21.40 Unobligated balance carried forward, start of year			45
22.00 New financing authority (gross)		46	492
23.90 Total budgetary resources available for obligation		46	537
23.95 Total new obligations		-1	-3
24.40 Unobligated balance carried forward, end of year		45	534
New financing authority (gross), detail:			
Mandatory:			
Spending authority from offsetting collections:			
69.00 Offsetting collections (cash)		1	447
69.00 Offsetting collections (cash)		45	45
69.90 Spending authority from offsetting collections (total mandatory)		46	492
Change in obligated balances:			
73.10 Total new obligations		1	3
73.20 Total financing disbursements (gross)		-1	-3
Outlays (gross), detail:			
87.00 Total financing disbursements (gross)		1	3
Offsets:			
Against gross financing authority and financing disbursements:			