

Appropriations, Outlays, and Balances - Continued

Appropriation or Fund Account Title	Account Symbol				Balances, Beginning of Fiscal Year	Appropriations and Other Obligational Authority ¹	Transfers Borrowings and Investment (Net) ²	Outlays (Net)	Balances Withdrawn and Other Transactions ³	Balances, End of Fiscal Year	
	Period of Availability	ATA	AID	MAIN							SUB
Department of Energy											
National Nuclear Security Administration											
General Fund Accounts											
Weapons Activities, National Nuclear Security Administration, Energy Fund Resources:											
Undisbursed Funds	2022-2023		089	0240	000	-----	117,060,000.00	-----	83,258,238.09	-----	33,801,761.91
	2021-2022					30,291,956.89	-----	-----	29,363,750.18	-----	928,206.71
	2020-2021					-12,489,708.60	-----	-----	-11,969,635.41	-----	⁴ -520,073.19
	2019-2020					697,332.66	-----	-----	39,821.74	-----	657,510.92
	2018-2019					526,932.70	-----	-----	5,523.60	-----	521,409.10
	2017-2018					355,394.61	-----	-----	-----	-----	355,394.61
	2016-2017					604,879.70	-----	-----	-31,831.16	636,710.86	-----
	No Year					10,946,191,462.13	15,802,940,000.00	-----	13,926,300,677.67	-----	12,822,830,784.46
	Subtotal		089	0240	000	10,966,178,250.09	15,920,000,000.00	-----	14,026,966,544.71	636,710.86	12,858,574,994.52
Defense Nuclear Nonproliferation, National Nuclear Security Administration, Energy Fund Resources:											
Undisbursed Funds	No Year		089	0309	000	2,191,826,976.53	2,057,768,307.00	-----	2,199,780,258.54	-----	2,049,815,024.99
Federal Salaries and Expenses, National Nuclear Security Administration, Energy Fund Resources:											
Undisbursed Funds	2022-2023		089	0313	000	-----	464,000,000.00	-----	368,010,302.29	-----	95,989,697.71
	2021-2022					91,484,766.85	-----	-----	83,613,446.84	-----	7,871,320.01
	2020-2021					8,392,460.56	-----	-----	6,292,594.02	-----	2,099,866.54
	2019-2020					2,452,747.29	-----	-----	331,305.73	-----	2,121,441.56
	2018-2019					1,604,404.34	-----	-----	279,478.34	-----	1,324,926.00
	2017-2018					1,151,418.20	-----	-----	33,439.85	-----	1,117,978.35
	2016-2017					2,246,431.51	-----	-----	47,463.94	2,198,967.57	-----
	No Year					996,209.45	-----	-----	809.24	-----	995,400.21
	Subtotal		089	0313	000	108,328,438.20	464,000,000.00	-----	458,608,840.25	2,198,967.57	111,520,630.38
Naval Reactors, National Nuclear Security Administration, Energy Fund Resources:											
Undisbursed Funds	2022-2023		089	0314	000	-----	55,579,000.00	-----	42,461,160.78	-----	13,117,839.22
	2021-2022					10,089,882.41	-----	-----	6,760,870.38	-----	3,329,012.03
	2020-2021					248,491.61	-----	-----	19,080.98	-----	229,410.63
	2019-2020					342,565.29	-----	-----	14,820.32	-----	327,744.97
	2018-2019					430,883.79	-----	-----	504.11	-----	430,379.68
	2017-2018					384,940.95	-----	-----	-----	-----	384,940.95
	2016-2017					567,520.91	-----	-----	-----	567,520.91	-----
	No Year					1,205,670,810.76	1,763,674,000.00	-----	1,414,357,201.23	-----	1,554,987,609.53

Footnotes at End of Chapter

Appropriations, Outlays, and Balances - Continued

Appropriation or Fund Account Title	Account Symbol				Balances, Beginning of Fiscal Year	Appropriations and Other Obligational Authority ¹	Transfers Borrowings and Investment (Net) ²	Outlays (Net)	Balances Withdrawn and Other Transactions ³	Balances, End of Fiscal Year	
	Period of Availability	ATA	AID	MAIN SUB							
Total, National Nuclear Security Administration	Subtotal		089	0314	000	1,217,735,095.72	1,819,253,000.00	-----	1,463,613,637.80	567,520.91	1,572,806,937.01
					14,484,068,760.54	20,261,021,307.00	-----	18,148,969,281.30	3,403,199.34	16,592,717,586.90	
Environmental and Other Defense Activities											
General Fund Accounts											
Defense Environmental Restoration and Waste Management, Energy Fund Resources:											
Undisbursed Funds	No Year		089	0242	000	126,060.35	-----	-126,060.35	-----	-----	-----
Other Defense Activities, Environmental and Other Defense Activities, Energy Fund Resources:											
Undisbursed Funds	2022-2023		089	0243	000	-----	337,636,000.00	-----	200,402,099.33	-----	137,233,900.67
	2021-2022					123,445,515.57	-----	-----	128,200,402.71	-----	-4,754,887.14
	2020-2021					-3,109,515.98	-----	-----	-2,143,181.20	-----	-966,334.78
	2019-2020					-4,435,865.54	-----	-----	-5,525,472.02	-----	1,089,606.48
	2018-2019					4,976,055.80	-----	-----	252,784.38	-----	4,723,271.42
	2017-2018					503,901.27	-----	-----	3,010.92	-----	500,890.35
	2016-2017					1,085,072.73	-----	-----	-1,020.00	1,086,092.73	-----
	No Year					464,281,482.14	647,364,000.00	-1,307,548.84	636,064,081.04	-----	474,273,852.26
	Subtotal		089	0243	000	586,746,645.99	985,000,000.00	-1,307,548.84	957,252,705.16	1,086,092.73	612,100,299.26
Defense Nuclear Waste Disposal, Environmental and Other Defense Activities, Energy Fund Resources:											
Undisbursed Funds	No Year		089	0244	000	3,277,376.70	-----	-----	988,685.65	-----	2,288,691.05
Defense Environmental Services, Energy Fund Resources:											
Undisbursed Funds	No Year		089	0249	000	9,449.56	-----	-----	-----	-----	9,449.56
Defense Environmental Cleanup, Environmental and Other Defense Activities, Energy Fund Resources:											
Undisbursed Funds	2022-2023		089	0251	000	-----	305,207,000.00	-----	228,442,633.37	-----	76,764,366.63
	2022					-----	573,333,000.00	-----	573,333,000.00	-----	-----
	2021-2022					83,577,951.34	-----	-----	79,507,080.59	-----	4,070,870.75
	2020-2021					4,309,427.43	-----	-----	2,470,574.88	-----	1,838,852.55
	2019-2020					4,008,961.32	-----	-----	536,691.12	-----	3,472,270.20
	2018-2019					2,311,886.40	-----	-----	251,611.15	-----	2,060,275.25
	2017-2018					849,168.38	-----	-----	44,994.80	-----	804,173.58
	2016-2017					1,027,634.80	-----	-----	-----	1,027,634.80	-----
	No Year					3,733,145,912.82	6,403,588,500.00	126,060.35	5,915,937,020.39	-----	4,220,923,452.78
	Subtotal		089	0251	000	3,829,230,942.49	7,282,128,500.00	126,060.35	6,800,523,606.30	1,027,634.80	4,309,934,261.74
Total, Environmental and Other Defense Activities						4,419,390,475.09	8,267,128,500.00	-1,307,548.84	7,758,764,997.11	2,113,727.53	4,924,332,701.61

Footnotes at End of Chapter

Appropriations, Outlays, and Balances - Continued

Appropriation or Fund Account Title	Account Symbol				Balances, Beginning of Fiscal Year	Appropriations and Other Obligational Authority ¹	Transfers Borrowings and Investment (Net) ²	Outlays (Net)	Balances Withdrawn and Other Transactions ³	Balances, End of Fiscal Year
	Period of Availability	ATA	AID	MAIN						
Energy Programs										
General Fund Accounts										
Title 17 Innovative Technology Loan Guarantee Program, Energy Programs, Energy Fund Resources:										
Undisbursed Funds	2022-2026		089	0208	000	----- 8,600,000,000.00	-----	----- -----	-----	8,600,000,000.00
	2022-2023					----- 25,712,189.30	-----	----- 1,285,646.20	-----	24,426,543.10
	2021-2022					31,662,186.19	-----	27,917,171.20	-----	3,745,014.99
	2020-2021					9,224,651.36	-----	7,998,161.05	-----	1,226,490.31
	2019-2020					1,318,377.71	-----	393,734.50	-----	924,643.21
	2018-2019					1,890,478.64	-----	29,422.60	-----	1,861,056.04
	2017-2018					394,063.52	-----	62,617.57	-----	331,445.95
	2016-2017					542,647.37	-----	-----	542,647.37	-----
	No Year					160,863,067.17	21,815,979.40	21,876,246.89	-----	160,802,799.68
	Subtotal		089	0208	000	205,895,471.96	8,647,528,168.70	59,563,000.01	542,647.37	8,793,317,993.28
Title 17-Innovative Technology Loan Guarantee Program-Recovery Act, Energy Programs, Energy Fund Resources:										
Undisbursed Funds	No Year		089	0209	000	105,876,445.54	-----	4,000.00	-----	105,872,445.54
Salaries and Expenses, Federal Energy Regulatory Commission, Energy Fund Resources:										
Undisbursed Funds	2022-2031		089	0212	000	-----	100,000,000.00	-----	-----	100,000,000.00
	No Year					153,596,810.52	-----	4,155,421.96	-----	149,441,388.56
	Subtotal		089	0212	000	153,596,810.52	100,000,000.00	4,155,421.96	-----	249,441,388.56
Fossil Energy and Carbon Management, Energy Programs, Energy Fund Resources:										
Undisbursed Funds	2022-2027		089	0213	000	-----	150,000,000.00	-----	-----	150,000,000.00
	2022-2023					-----	66,800,000.00	47,368,120.27	-----	19,431,879.73
	2021-2022					18,487,952.13	-----	18,116,488.70	-----	371,463.43
	2020-2021					492,972.31	-----	87,774.16	-----	405,198.15
	2019-2020					616,375.75	-----	357,969.49	-----	258,406.26
	2018-2019					182,676.32	-----	-----	-----	182,676.32
	2017-2018					129,240.05	-----	-----	-----	129,240.05
	2016-2017					838,014.91	-----	-----	838,014.91	-----
	No Year					1,325,509,514.14	2,574,131,783.00	659,940,892.04	-----	3,239,700,405.10
	Subtotal		089	0213	000	1,346,256,745.61	2,790,931,783.00	725,871,244.66	838,014.91	3,410,479,269.04
Energy Conservation, Energy Fund Resources:										
Undisbursed Funds	No Year		089	0215	000	12.11	-----	-----	-----	12.11

Footnotes at End of Chapter

Appropriations, Outlays, and Balances - Continued

Appropriation or Fund Account	Account Symbol				Balances, Beginning of Fiscal Year	Appropriations and Other Obligational Authority ¹	Transfers Borrowings and Investment (Net) ²	Outlays (Net)	Balances Withdrawn and Other Transactions ³	Balances, End of Fiscal Year	
Title	Period of Availability	ATA	AID	MAIN							SUB
Energy Information Administration, Energy Programs, Energy Fund Resources: Undisbursed Funds	No Year		089	0216	000	47,369,269.63	129,087,000.00	-----	128,625,623.56	-----	47,830,646.07
Strategic Petroleum Reserve, Energy Programs, Energy Fund Resources: Undisbursed Funds	No Year		089	0218	000	171,453,881.58	262,300,000.00	-----	218,431,640.38	-----	215,322,241.20
Naval Petroleum and Oil Shale Reserves, Energy Programs, Energy Fund Resources: Undisbursed Funds	No Year		089	0219	000	14,993,483.09	13,650,000.00	-----	11,773,476.63	-----	16,870,006.46
Science, Energy Programs, Energy Fund Resources: Undisbursed Funds	2022-2027		089	0222	000	-----	1,550,000,000.00	-----	3,753.12	-----	1,549,996,246.88
	2020-2024					-----	-----	-----	89,133.76	-----	⁴ -89,133.76
	2022-2023					-----	202,000,000.00	-----	150,628,640.26	-----	51,371,359.74
	2021-2022					41,040,458.24	-----	-----	41,388,176.33	-----	⁴ -347,718.09
	2020-2021					-767,228.49	-----	-----	-615,826.51	-----	⁴ -151,401.98
	2019-2020					615,780.79	-----	-----	-367,157.23	-----	982,938.02
	2018-2019					259,693.62	-----	-----	93,050.87	-----	166,642.75
	2017-2018					86,769.37	-----	-----	-1,015.00	-----	87,784.37
	2016-2017					348,130.79	-----	-----	-----	348,130.79	-----
	No Year					8,265,349,634.32	7,457,954,990.00	-----	6,952,217,061.99	-----	8,771,087,562.33
	Subtotal		089	0222	000	8,306,933,238.64	9,209,954,990.00	-----	7,143,435,817.59	348,130.79	10,373,104,280.26
Energy Supply, Energy Fund Resources: Undisbursed Funds	No Year		089	0224	000	6,014,794.96	-----	-----	-3,779.45	-----	6,018,574.41
SPR Petroleum Account, Energy Programs, Energy Fund Resources: Undisbursed Funds	No Year		089	0233	000	29,303,874.49	7,350,000.00	-----	-10,994,580,856.93	-----	11,031,234,731.42
Clean Coal Technology, Energy Programs, Energy Fund Resources: Undisbursed Funds	No Year		089	0235	000	2,114,877.39	-----	-----	-----	-----	2,114,877.39
Non-Defense Environmental Cleanup, Energy Programs, Energy Fund Resources: Undisbursed Funds	No Year		089	0315	000	288,264,325.15	333,863,000.00	-----	309,332,757.43	-----	312,794,567.72
Electricity, Energy Programs, Energy Fund Resources: Undisbursed Funds	2022-2031		089	0318	000	-----	100,000,000.00	-----	-----	-----	100,000,000.00
	2022-2030					-----	2,000,000,000.00	-----	-----	-----	2,000,000,000.00
	2022-2029					-----	760,000,000.00	-----	-----	-----	760,000,000.00
	2022-2023					-----	20,000,000.00	-----	4,577,930.85	-----	15,422,069.15
	2021-2022					11,782,827.98	-----	-----	11,371,162.30	-----	411,665.68

Footnotes at End of Chapter

Appropriations, Outlays, and Balances - Continued

Appropriation or Fund Account Title	Account Symbol				Balances, Beginning of Fiscal Year	Appropriations and Other Obligational Authority ¹	Transfers Borrowings and Investment (Net) ²	Outlays (Net)	Balances Withdrawn and Other Transactions ³	Balances, End of Fiscal Year	
	Period of Availability	ATA	AID	MAIN							SUB
	2020-2021				616,359.44	-----	-----	549,508.12	-----	66,851.32	
	2019-2020				181,984.17	-----	-----	-2,994.24	-----	184,978.41	
	2018-2019				27,159.51	-----	-----	3,445.73	-----	23,713.78	
	2017-2018				19,537.17	-----	-----	-----	-----	19,537.17	
	2016-2017				94,906.13	-----	-----	7,009.00	87,897.13	-----	
	No Year				291,770,962.78	1,909,098,697.00	-1,860,156.56	192,239,872.72	-----	2,006,769,630.50	
	Subtotal		089	0318	000	304,493,737.18	4,789,098,697.00	-1,860,156.56	208,745,934.48	87,897.13	4,882,898,446.01
Nuclear Energy, Energy Programs, Energy Fund Resources:											
Undisbursed Funds	2022-2027		089	0319	000	-----	150,000,000.00	-----	-----	-----	150,000,000.00
	2022-2026					-----	700,000,000.00	-----	-----	-----	700,000,000.00
	2022-2023					-----	80,000,000.00	-----	-----	-----	23,484,839.47
	2021-2022					31,865,734.10	-----	7,065,000.00	30,316,395.05	-----	8,614,339.05
	2020-2021					7,772,207.05	-----	-----	3,661,973.94	-----	4,110,233.11
	2019-2020					4,397,855.31	-----	-----	1,790,527.98	-----	2,607,327.33
	2018-2019					6,241,307.29	-----	-----	102,008.28	-----	6,139,299.01
	2017-2018					767,568.15	-----	-----	147,307.44	-----	620,260.71
	2016-2017					439,382.42	-----	1,934.40	437,448.02	-----	-----
	No Year					1,542,012,464.18	2,836,635,025.00	-----	1,464,144,110.10	-----	2,914,503,379.08
	Subtotal		089	0319	000	1,593,496,518.50	3,766,635,025.00	7,065,000.00	1,556,679,417.72	437,448.02	3,810,079,677.76
Energy Efficiency and Renewable Energy, Energy Programs, Energy Fund Resources:											
Undisbursed Funds	2022-2031		089	0321	000	-----	11,000,000,000.00	-----	-----	-----	11,000,000,000.00
	2022-2029					-----	1,000,000,000.00	-----	-----	-----	1,000,000,000.00
	2022-2027					-----	150,000,000.00	-----	-----	-----	150,000,000.00
	2022-2023					-----	209,453,000.00	-----	118,847,623.45	-----	90,605,376.55
	2021-2022					63,702,763.09	-----	-----	61,546,812.17	-----	2,155,950.92
	2020-2021					3,978,994.87	-----	-----	3,503,153.20	-----	475,841.67
	2019-2020					1,285,413.24	-----	-----	556,564.21	-----	728,849.03
	2018-2019					184,683.41	-----	-----	-----	-----	184,683.41
	2017-2018					1,168,592.19	-----	-----	1,015.00	-----	1,167,577.19
	2016-2017					2,761,029.90	-----	-----	135,761.58	2,625,268.32	-----
	No Year					5,287,780,889.03	11,065,441,798.00	-----	2,267,719,653.68	-----	14,085,503,033.35
	Subtotal		089	0321	000	5,360,862,365.73	23,424,894,798.00	-----	2,452,310,583.29	2,625,268.32	26,330,821,312.12
Advanced Technology Vehicles Manufacturing Loan Program Account, Energy Programs, Energy Fund Resources:											
Undisbursed Funds	2022-2028		089	0322	000	-----	3,000,000,000.00	-----	-----	-----	3,000,000,000.00
	2022-2023					-----	5,000,000.00	-----	2,669,522.62	-----	2,330,477.38
	2021-2022					4,812,832.14	-----	-----	3,789,079.67	-----	1,023,752.47

Footnotes at End of Chapter

Appropriations, Outlays, and Balances - Continued

Appropriation or Fund Account Title	Account Symbol				Balances, Beginning of Fiscal Year	Appropriations and Other Obligational Authority ¹	Transfers Borrowings and Investment (Net) ²	Outlays (Net)	Balances Withdrawn and Other Transactions ³	Balances, End of Fiscal Year
	Period of Availability	ATA	AID	MAIN						
	2020-2021				2,120,985.43	-----	-----	1,895,056.63	-----	225,928.80
	2019-2020				236,653.36	-----	-----	116,940.40	-----	119,712.96
	2018-2019				1,407,993.13	-----	-----	12,094.38	-----	1,395,898.75
	2017-2018				41,541.90	-----	-----	-----	-----	41,541.90
	2016-2017				256,912.58	-----	-----	-----	256,912.58	-----
	No Year				2,425,647,378.23	-----	-----	891.12	-----	2,425,646,487.11
	Subtotal		089	0322	000	2,434,524,296.77	3,005,000,000.00	8,483,584.82	256,912.58	5,430,783,799.37
Advanced Research Projects Agency-Energy, Energy Programs, Energy Fund Resources:										
Undisbursed Funds	2022-2023		089	0337	000	-----	36,000,000.00	-----	-----	13,362,795.06
	2021-2022					12,993,429.11	-----	11,094,445.81	-----	1,898,983.30
	2020-2021					764,192.57	-----	228,134.68	-----	536,057.89
	2019-2020					93,372.25	-----	-1,880.15	-----	95,252.40
	2018-2019					180,582.51	-----	-----	-----	180,582.51
	2017-2018					5,600.12	-----	-----	-----	5,600.12
	2016-2017					25,500.00	-----	25,500.00	-----	-----
	No Year					1,237,692,693.22	414,000,000.00	305,011,192.41	-----	1,346,681,500.81
	Subtotal		089	0337	000	1,251,755,369.78	450,000,000.00	338,994,597.69	-----	1,362,760,772.09
Indian Energy Policy and Programs, Energy Programs, Energy Fund Resources:										
Undisbursed Funds	2022-2023		089	0342	000	-----	5,523,000.00	-----	2,602,978.04	2,920,021.96
	2021-2022					4,418,356.86	-----	2,628,671.33	-----	1,789,685.53
	2020-2021					1,930,987.65	-----	1,389,464.63	-----	541,523.02
	2019-2020					238,099.56	-----	-----	-----	238,099.56
	No Year					36,429,713.74	52,477,000.00	4,788,189.07	-----	84,118,524.67
	Subtotal		089	0342	000	43,017,157.81	58,000,000.00	11,409,303.07	-----	89,607,854.74
Technology Transitions, Energy Programs, Energy Fund Resources:										
Undisbursed Funds	2022-2023		089	0346	000	-----	8,375,000.00	-----	5,166,527.50	3,208,472.50
	No Year					-----	11,095,000.00	-----	828,160.13	10,266,839.87
	Subtotal		089	0346	000	- 0 -	19,470,000.00	-----	5,994,687.63	13,475,312.37
Tribal Energy Loan Guarantee Program, Energy Programs, Energy Fund Resources:										
Undisbursed Funds	2022-2028		089	0350	000	-----	75,000,000.00	-----	-----	75,000,000.00
	2022-2023					-----	2,000,000.00	-----	134,920.25	1,865,079.75
	2021-2022					2,000,000.00	-----	1,449,410.80	-----	550,589.20
	2020-2021					1,398,814.64	-----	928,044.95	-----	470,769.69
	2019-2020					64,236.65	-----	-----	-----	64,236.65
	2018-2019					471,408.63	-----	-----	-----	471,408.63
	No Year					8,939,453.80	-----	-----	-----	8,939,453.80

Footnotes at End of Chapter

Appropriations, Outlays, and Balances - Continued

Appropriation or Fund Account Title	Account Symbol				Balances, Beginning of Fiscal Year	Appropriations and Other Obligational Authority ¹	Transfers Borrowings and Investment (Net) ²	Outlays (Net)	Balances Withdrawn and Other Transactions ³	Balances, End of Fiscal Year	
	Period of Availability	ATA	AID	MAIN							SUB
	Subtotal		089	0350	000	12,873,913.72	77,000,000.00	-----	2,512,376.00	-----	87,361,537.72
Defense Production Act, Energy Programs, Energy Fund Resources:											
Undisbursed Funds	2022-2024		089	0360	000	-----	250,000,000.00	-----	-----	-----	250,000,000.00
Cybersecurity, Energy Security, and Emergency Response, Energy Programs, Energy Fund Resources:											
Undisbursed Funds	2022-2023		089	2250	000	-----	16,000,000.00	-----	9,661,981.35	-----	6,338,018.65
	2021-2022					6,124,527.26	-----	-----	6,088,385.74	-----	36,141.52
	2020-2021					99,158.63	-----	-----	34,820.26	-----	64,338.37
	2019-2020					411,435.31	-----	-----	-----	-----	411,435.31
	No Year					240,919,182.86	318,226,500.00	1,860,156.56	105,555,448.95	-----	455,450,390.47
	Subtotal		089	2250	000	247,554,304.06	334,226,500.00	1,860,156.56	121,340,636.30	-----	462,300,324.32
Clean Energy Demonstrations, Energy Programs, Energy Fund Resources:											
Undisbursed Funds	2022-2026		089	2297	000	-----	5,812,000,000.00	-----	-----	-----	5,812,000,000.00
	2022-2023					-----	8,000,000.00	-----	4,604,424.17	-----	3,395,575.83
	No Year					-----	5,128,995,500.00	-----	5,471,992.93	-----	5,123,523,507.07
	Subtotal		089	2297	000	- 0 -	10,948,995,500.00	-----	10,076,417.10	-----	10,938,919,082.90
National Energy Technology Laboratory Research and Development, Energy Fund Resources:											
Undisbursed Funds	No Year		089	2298	000	2,772,817.00	-----	-----	-2,955,430.55	-----	5,728,247.55
Carbon Dioxide Transportation Infrastructure Finance and Innovation Program Account, Energy Programs, Energy Fund Resources:											
Undisbursed Funds	No Year		089	2300	000	-----	2,994,000.00	-----	360,324.48	-----	2,633,675.52
Environmental Reviews, Energy Programs, Energy Fund Resources:											
Undisbursed Funds	2022-2031		089	2304	000	-----	115,000,000.00	-----	-----	-----	115,000,000.00
Special Fund Accounts											
Payment to States Under Federal Power Act, Energy Fund Resources:											
Undisbursed Funds	No Year		089	5105	000	⁵ -----	3,433,285.92	-----	3,433,285.92	-----	-----
Nuclear Waste Disposal, Energy Programs, Energy Fund Resources:											
Undisbursed Funds	No Year		089	5227	000	19,539,090.78	1,761,780,370.84	-1,735,785,160.64	19,217,046.22	-----	26,317,254.76
Unrealized Discount on Investments						-214,283,417.56	-----	-62,375,901.25	-----	-----	-276,659,318.81
Unamortized Premium and Discount						-11,250,587,499.57	-----	484,976,686.79	-----	-----	-10,765,610,812.78
Investments in US Treasury Securities						55,318,509,419.81	-----	1,313,184,375.10	-----	-----	56,631,693,794.91
	Subtotal		089	5227	000	43,873,177,593.46	1,761,780,370.84	0.00	19,217,046.22	-----	45,615,740,918.08

Footnotes at End of Chapter

Appropriations, Outlays, and Balances - Continued

Appropriation or Fund Account Title	Account Symbol				Balances, Beginning of Fiscal Year	Appropriations and Other Obligational Authority ¹	Transfers Borrowings and Investment (Net) ²	Outlays (Net)	Balances Withdrawn and Other Transactions ³	Balances, End of Fiscal Year
	Period of Availability	ATA	AID	MAIN						
Uranium Enrichment Decontamination and Decommissioning Fund, Energy Programs, Energy Fund Resources:										
Undisbursed Funds	No Year		089	5231	000	29,984,062.24	1,420,419,554.23	-421,586,098.34	928,862,838.68	----- 99,954,679.45
Unrealized Discount on Investments						-----	-----	-5,667,901.66	-----	----- -5,667,901.66
Investments in US Treasury Securities						343,960,000.00	-----	427,254,000.00	-----	----- 771,214,000.00
Subtotal			089	5231	000	373,944,062.24	1,420,419,554.23	-----	928,862,838.68	----- 865,500,777.79
Northeast Home Heating Oil Reserve, Energy Programs, Energy Fund Resources:										
Undisbursed Funds	No Year		089	5369	000	9,688,410.90	6,500,000.00	-----	6,111,987.54	----- 10,076,423.36
Ultra-Deepwater and Unconventional Natural Gas and Other Petroleum Research Fund, Energy Fund Resources:										
Undisbursed Funds	No Year		089	5523	000	7,149,192.34	-----	-----	-----	----- 7,149,192.34
Energy Security and Infrastructure Modernization Fund Fund Resources:										
Undisbursed Funds	No Year		089	5615	000	1,084,229,152.81	-----	-----	167,312,336.65	----- 916,916,816.16
Public Enterprise Funds										
Expenses, Isotope Production and Distribution Program Fund, Energy Fund Resources:										
Undisbursed Funds	No Year		089	4180	000	136,047,914.01	-----	-----	-21,470,569.58	----- 157,518,483.59
Trust Fund Accounts										
Advances for Cooperative Work, Departmental Operations, Energy Fund Resources:										
Undisbursed Funds	No Year		089	8575	000	68,467.57	-----	-----	-----	----- 68,467.57
Total, Energy Programs						67,413,728,504.55	71,928,112,672.69	7,065,000.00	3,424,027,703.30	5,136,319.12 135,919,742,154.82
Power Marketing Administration										
General Fund Accounts										
Operation and Maintenance, Southeastern Power Administration, Power Marketing Administrations, Energy Fund Resources:										
Undisbursed Funds	No Year		089	0302	000	35,666,334.72	-----	-----	5,564,377.05	----- 30,101,957.67
Operation and Maintenance, Southwestern Power Administration, Power Marketing Administrations, Energy Fund Resources:										
Undisbursed Funds	No Year		089	0303	000	279,323,895.53	10,400,000.00	-----	-32,747,543.70	----- 322,471,439.23
Operation and Maintenance, Alaska Power Administration, Power Marketing Administration, Energy Fund Resources:										
Undisbursed Funds	No Year		089	0304	000	300,006.00	-----	-----	-----	----- 300,006.00
Special Fund Accounts										

Footnotes at End of Chapter

Appropriations, Outlays, and Balances - Continued

Appropriation or Fund Account Title	Account Symbol				Balances, Beginning of Fiscal Year	Appropriations and Other Obligational Authority ¹	Transfers Borrowings and Investment (Net) ²	Outlays (Net)	Balances Withdrawn and Other Transactions ³	Balances, End of Fiscal Year
	Period of Availability	ATA	AID	MAIN						
Construction, Rehabilitation, Operation, and Maintenance, Western Area Power Administration, Power Marketing Administration, Energy Fund Resources: Undisbursed Funds	No Year		089	5068	000	813,253,500.15	504,772,000.00	----- 239,941,245.12	-----	1,078,084,255.03
Emergency Fund, Western Area Power Administration, Power Marketing Administration, Energy Fund Resources: Undisbursed Funds	No Year		089	5069	000	500,000.00	-----	-----	-----	500,000.00
Falcon and Amistad Operating and Maintenance Fund, Energy Fund Resources: Undisbursed Funds	No Year		089	5178	000	9,207,392.59	228,000.00	----- -752,396.76	-----	10,187,789.35
Continuing Fund, Southwestern Power Administration, Power Marketing Administration, Energy Fund Resources: Undisbursed Funds	No Year		089	5649	000	300,000.00	-----	-----	-----	300,000.00
Continuing Fund, Southeastern Power Administration, Power Marketing Administration, Energy Fund Resources: Undisbursed Funds	No Year		089	5653	000	50,000.00	-----	-----	-----	50,000.00
Public Enterprise Funds										
Bonneville Power Administration Fund, Power Marketing Administration, Energy Fund Resources: Undisbursed Funds	No Year		089	4045	000	768,329,519.29	-336,666,820.88	⁶ -1,560,200,000.00	-1,212,147,137.98	----- 83,609,836.39
Transfer To: Corps of Engineers	No Year	096	089	4045	000	11,795,322.56	414,646,202.77	-----	406,571,489.57	----- 19,870,035.76
Unrealized Discount on Investments						-----	-----	-8,696,259.19	-----	-8,696,259.19
Investments in US Treasury Securities						-----	-----	1,618,696,259.19	-----	1,618,696,259.19
Authority to Borrow from the Treasury						-----	739,000,000.00	-739,000,000.00	-----	-----
Unfunded Contract Authority						2,378,603,086.99	⁷ 1,269,748,808.09	-----	2,378,603,086.99	1,269,748,808.09
Subtotal			089	4045	000	3,158,727,928.84	2,086,728,189.98	-689,200,000.00	-805,575,648.41	2,378,603,086.99 2,983,228,680.24
Western Area Power Administration, Borrowing Authority - Recovery Act, Energy Fund Resources: Undisbursed Funds	No Year		089	4404	000	18,952,534.84	-----	-----	-1,658,945.93	----- 20,611,480.77
Authority to Borrow from the Treasury						14,790,479.76	-----	-----	-----	14,790,479.76
Subtotal			089	4404	000	33,743,014.60	-----	-----	-1,658,945.93	----- 35,401,960.53
Colorado River Basins Power Marketing Fund, Western Area Power Administration, Power Marketing Administration, Energy Fund Resources: Undisbursed Funds	No Year		089	4452	000	158,054,898.58	85,000,000.00	-----	-19,886,314.12	----- 262,941,212.70
Total, Power Marketing Administration						4,489,126,971.01	2,687,128,189.98	-689,200,000.00	-615,115,226.75	2,378,603,086.99 4,723,567,300.75

Footnotes at End of Chapter

Appropriations, Outlays, and Balances - Continued

Appropriation or Fund Account Title	Account Symbol				Balances, Beginning of Fiscal Year	Appropriations and Other Obligational Authority ¹	Transfers Borrowings and Investment (Net) ²	Outlays (Net)	Balances Withdrawn and Other Transactions ³	Balances, End of Fiscal Year	
	Period of Availability	ATA	AID	MAIN							SUB
Departmental Administration											
General Fund Accounts											
Departmental Administration, Energy Programs, Energy Fund Resources:											
Undisbursed Funds	2020-2025		089	0228	000	-----	-----	-----	-2,264,044.88	-----	2,264,044.88
	2019-2024					841,625.67	-----	-----	302,389.66	-----	539,236.01
	2022-2023					-----	264,015,211.92	-----	118,276,140.20	-----	145,739,071.72
	2018-2023					391,099.00	-----	-----	105,304.52	-----	285,794.48
	2021-2022					101,496,348.01	-----	14,110,000.00	61,080,823.63	-----	54,525,524.38
	2017-2022					2,386,602.20	-----	-----	977,731.20	-----	1,408,871.00
	2020-2021					46,837,034.40	-----	-----	13,231,716.76	-----	33,605,317.64
	2016-2021					1,997,441.15	-----	-----	693,826.37	-----	1,303,614.78
	2019-2020					34,490,838.90	-----	-----	5,288,772.77	-----	29,202,066.13
	2015-2020					1,539,136.57	-----	-----	-5.16	-----	1,539,141.73
	2018-2019					24,018,929.52	-----	-----	4,968,832.90	-----	19,050,096.62
	2017-2018					2,823,845.64	-----	-----	158,354.38	-----	2,665,491.26
	2016-2017					10,425,607.31	-----	-----	466,850.90	9,958,756.41	-----
	No Year					15,342,331.39	48,686,450.00	-----	4,019,098.02	-----	60,009,683.37
	Subtotal		089	0228	000	242,590,839.76	312,701,661.92	14,110,000.00	207,305,791.27	9,958,756.41	352,137,954.00
Office of the Inspector General, Energy Programs, Energy Fund Resources:											
Undisbursed Funds	2022-2031		089	0236	000	-----	20,000,000.00	-----	-----	-----	20,000,000.00
	2022-2023					-----	78,000,000.00	-----	50,614,003.82	-----	27,385,996.18
	2021-2022					9,533,979.63	-----	-----	8,938,445.28	-----	595,534.35
	2020-2021					274,903.76	-----	-----	210,474.35	-----	64,429.41
	2019-2020					192,331.13	-----	-----	7,880.94	-----	184,450.19
	2018-2019					208,491.52	-----	-----	-----	-----	208,491.52
	2017-2018					90,264.84	-----	-----	2,000.00	-----	88,264.84
	2016-2017					110,887.00	-----	-----	-----	110,887.00	-----
	No Year					-471,118.67	18,686,450.00	-----	-279,226.09	-----	18,494,557.42
	Subtotal		089	0236	000	9,939,739.21	116,686,450.00	-----	59,493,578.30	110,887.00	67,021,723.91
Intragovernmental Funds											
Working Capital Fund, Departmental Administration, Energy Fund Resources:											
Undisbursed Funds	No Year		089	4563	000	186,414,074.63	-----	-----	-23,324,401.01	-----	209,738,475.64
Trust Fund Accounts											
Gifts and Donations, Energy Fund Resources:											
Undisbursed Funds	No Year		089	8576	000	105,443.04	31,600.00	-----	22,689.68	-----	114,353.36

Footnotes at End of Chapter

Appropriations, Outlays, and Balances - Continued

Appropriation or Fund Account Title	Account Symbol				Balances, Beginning of Fiscal Year	Appropriations and Other Obligational Authority ¹	Transfers Borrowings and Investment (Net) ²	Outlays (Net)	Balances Withdrawn and Other Transactions ³	Balances, End of Fiscal Year	
	Period of Availability	ATA	AID	MAIN							SUB
Total, Departmental Administration					439,050,096.64	429,419,711.92	14,110,000.00	243,497,658.24	10,069,643.41	629,012,506.91	
Deductions for Offsetting Receipts											
Proprietary Receipts from the Public					-----	-3,843,358,767.93	-----	-4,229,153,342.28	-----	-----	
Intrabudgetary Receipts Deducted by Agency					-----	-2,286,447,467.00	-----	-2,286,447,467.00	-----	-----	
Offsetting Governmental Receipts					-----	-5,280,358.53	-----	-5,280,358.53	-----	-----	
Total, Offsetting Receipts					-----	-6,135,086,593.46	-----	-6,520,881,167.81	-----	-----	
Total, Department of Energy					91,245,364,807.83	97,437,723,788.13	-669,332,548.84	22,439,263,245.39	2,399,325,976.39	162,789,372,250.99	
Memorandum											
Financing Accounts											
Public Enterprise Funds											
Title 17 Innovative Technology Direct Loan Financing Account, Energy Fund Resources:											
Undisbursed Funds	No Year		089	4455	000	187,769,657.90	-----	^{8,9} 289,047,937.67	355,331,532.71	-----	121,486,062.86
Authority to Borrow from the Treasury						837,866,113.16	645,759,739.18	-601,864,652.16	-----	19,773,778.78	861,987,421.40
Subtotal			089	4455	000	1,025,635,771.06	645,759,739.18	-312,816,714.49	355,331,532.71	19,773,778.78	983,473,484.26
Title 17 Innovative Technology Guaranteed Loan Financing Account - Recovery Act, Energy Programs, Energy Fund Resources:											
Undisbursed Funds	No Year		089	4486	000	120,892,412.97	-----	-----	19,529,068.89	-----	101,363,344.08
Intragovernmental Funds											
Title 17 Innovative Technology Direct Loan Financing Account - Recovery Act, Energy Programs, Energy Fund Resources:											
Undisbursed Funds	No Year		089	4576	000	659,232,311.76	-----	^{10,11} -238,381,989.93	-89,287,249.80	-----	510,137,571.63
Authority to Borrow from the Treasury						-----	870,656.95	-285,914.34	-----	584,742.61	-----
Subtotal			089	4576	000	659,232,311.76	870,656.95	-238,667,904.27	-89,287,249.80	584,742.61	510,137,571.63
Advanced Technology Vehicles Manufacturing Direct Loan Financing Account, Energy Fund Resources:											
Undisbursed Funds	No Year		089	4579	000	-----	-----	^{12,13} -1,018,517,298.07	-1,099,461,489.38	-----	80,944,191.31
Authority to Borrow from the Treasury						-----	2,608,511,508.42	-10,511,508.42	-----	-----	2,598,000,000.00
Subtotal			089	4579	000	- 0 -	2,608,511,508.42	-1,029,028,806.49	-1,099,461,489.38	-----	2,678,944,191.31
Total, Financing Accounts						1,805,760,495.79	3,255,141,904.55	-1,580,513,425.25	-813,888,137.58	20,358,521.39	4,273,918,591.28

Footnotes at End of Chapter

Appropriations, Outlays, and Balances - Continued

Footnotes

- 1 The amounts in this column, unless otherwise footnoted, represent appropriations, increases and rescissions in borrowing authority or new contract authority. Appropriation accounts with appropriation transfer activity are presented in Table 1 (Appropriations and Appropriation Transfers) at the end of this chapter.
- 2 The amounts in this column, unless otherwise footnoted, represent transfers - other than appropriation transfers, borrowings (gross), investments (net), unrealized discounts or funds held outside the Treasury.
- 3 The amounts in this column, unless otherwise footnoted, represent obligated balances canceled for fiscal year 2017 pursuant to 31 U.S.C. 1553 and adjustments to borrowing and contract authority.
- 4 Subject to disposition by the administrative agency.
- 5 The opening balance of 089 X 5105 000 has been adjusted during the current fiscal year by -\$324,178.00 and does not agree with last year's closing balance.
- 6 Includes \$49,800,000.00 which represents net borrowing from the U.S. Treasury.
- 7 Represents new contract authority.
- 8 Includes \$282,092,017.00 which represents net borrowing from the Federal Financing Bank in lieu of issuance of agency debt.
- 9 Includes \$6,955,920.67 which represents net borrowing from the U.S. Treasury.
- 10 Includes \$237,778,667.40 which represents repayment of borrowing from the Federal Financing Bank in lieu of issuance of agency debt.
- 11 Includes \$603,322.53 which represents net repayment of borrowing from the U.S. Treasury.
- 12 Includes \$436,571,170.38 which represents repayment of borrowing from the Federal Financing Bank in lieu of issuance of agency debt.
- 13 Includes \$581,946,127.69 which represents net repayment of borrowing from the U.S. Treasury.

Appropriations, Outlays, and Balances - Continued

Footnotes

Table 1 - Appropriations and Appropriation Transfers - Department of Energy

AID	ATA	Period of Availability	MAIN	Net Appropriations and Appropriation Transfers	Appropriation Amount	Net Appropriation Transfers	AID Involved	ATA Involved	Period of Availability Involved	MAIN Involved	Amount From or To (-)
089		X	0213	2,574,131,783.00	2,597,200,000.00	-23,068,217.00	089		X	0222	-19,390,217.00
							089		X	0228	-1,839,000.00
							089		X	0236	-1,839,000.00
089		X	0222	7,457,954,990.00	7,273,000,000.00	184,954,990.00	089		X	0213	19,390,217.00
							089		X	0251	1,204,500.00
							089		X	0309	14,098,693.00
							089		X	0318	4,581,303.00
							089		X	0319	28,511,975.00
							089		X	0321	115,890,802.00
							089		X	2250	1,277,500.00
089		X	0228	48,686,450.00	30,000,000.00	18,686,450.00	089		X	0213	1,839,000.00
							089		X	0318	1,660,000.00
							089		X	0319	1,200,000.00
							089		X	0321	8,207,200.00
							089		X	2250	150,000.00
							089		X	2297	5,127,250.00
							089		X	2300	3,000.00
							089		X	5068	500,000.00
089		X	0236	18,686,450.00	0.00	18,686,450.00	089		X	0213	1,839,000.00
							089		X	0318	1,660,000.00
							089		X	0319	1,200,000.00
							089		X	0321	8,207,200.00
							089		X	2250	150,000.00
							089		X	2297	5,127,250.00
							089		X	2300	3,000.00
							089		X	5068	500,000.00
089		X	0251	6,403,588,500.00	6,404,793,000.00	-1,204,500.00	089		X	0222	-1,204,500.00
089		X	0309	2,339,901,307.00	2,354,000,000.00	-14,098,693.00	089		X	0222	-14,098,693.00
089		X	0314	1,769,674,000.00	1,862,421,000.00	-92,747,000.00	089		X	0319	-92,747,000.00
089		X	0318	1,909,098,697.00	1,917,000,000.00	-7,901,303.00	089		X	0222	-4,581,303.00
							089		X	0228	-1,660,000.00
							089		X	0236	-1,660,000.00

Appropriations, Outlays, and Balances - Continued

Footnotes

Table 1 - Appropriations and Appropriation Transfers - Department of Energy

AID	ATA	Period of Availability	MAIN	Net Appropriations and Appropriation Transfers	Appropriation Amount	Net Appropriation Transfers	AID Involved	ATA Involved	Period of Availability Involved	MAIN Involved	Amount From or To (-)
089		X	0319	2,836,635,025.00	2,774,800,000.00	61,835,025.00	089		X	0222	-28,511,975.00
							089		X	0228	-1,200,000.00
							089		X	0236	-1,200,000.00
							089		X	0314	92,747,000.00
089		X	0321	11,065,441,798.00	11,197,747,000.00	-132,305,202.00	089		X	0222	-115,890,802.00
							089		X	0228	-8,207,200.00
							089		X	0236	-8,207,200.00
089		X	2250	318,226,500.00	319,804,000.00	-1,577,500.00	089		X	0222	-1,277,500.00
							089		X	0228	-150,000.00
							089		X	0236	-150,000.00
089		X	2297	5,128,995,500.00	5,139,250,000.00	-10,254,500.00	089		X	0228	-5,127,250.00
							089		X	0236	-5,127,250.00
089		X	2300	2,994,000.00	3,000,000.00	-6,000.00	089		X	0228	-3,000.00
							089		X	0236	-3,000.00
089		X	4045	-336,666,820.88	78,000,000.00	-414,666,820.88	096		X	3123	-20,618.11
							089	096	X	4045	-414,646,202.77
089		X	4452	85,000,000.00	0.00	85,000,000.00	089		X	5068	85,000,000.00
089		X	5068	504,772,000.00	590,772,000.00	-86,000,000.00	089		X	0228	-500,000.00
							089		X	0236	-500,000.00
							089		X	4452	-85,000,000.00
089		X	5227	16,200,000.00	20,000,000.00	-3,800,000.00	431		2223	0500	-3,800,000.00
089		X	5231	841,000,000.00	0.00	841,000,000.00	486		X	4054	841,000,000.00
089	096	X	4045	414,646,202.77	0.00	414,646,202.77	089		X	4045	414,646,202.77
Total				43,398,966,381.89	42,561,787,000.00	837,179,381.89					837,179,381.89