

BROOKHAVEN NATIONAL LABORATORY  
 CONTRACT MOD # 0093 [Financial Part 2]  
 DE-SC0012704

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
150	089-X-021	2017	25400	Operation	AA600000	C002841	1611051	AA6010000, Advanced Combustion Systems	0	Default Wf	302017	TCF Funding - Managed by OTT	\$0.00	\$0.00	\$121,207.00	\$121,207.00	\$121,207.00
150	089-X-021	2014	25400	Operation	AA600000	C002841	1611051	AA6010000, Advanced Combustion Systems	0	Default Wf	302017	TCF Funding - Managed by OTT	\$0.00	\$0.00	\$463.00	\$463.00	\$463.00
150	089-X-021	2016	25400	Operation	AA600000	C002841	1611051	AA6010000, Advanced Combustion Systems	0	Default Wf	302017	TCF Funding - Managed by OTT	\$0.00	\$0.00	\$124,028.00	\$124,028.00	\$124,028.00
150	089-X-021	2015	25400	Operation	AA600000	C002841	1611051	AA6010000, Advanced Combustion Systems	0	Default Wf	302017	TCF Funding - Managed by OTT	\$0.00	\$0.00	\$15,539.00	\$15,539.00	\$15,539.00
500	089-X-022	2016	25400	Operation	KA000000	C002852	2924357	KA2401021, Scientific Discovery through Advanced Com	0	Default Wf	0	Default Local Use Value	\$250,572.30	-\$266.57	\$0.00	-\$266.57	\$250,305.73
500	089-X-022	2016	25400	Operation	KA000000	C002852	2924313	KA2101020, National Laboratories	0	Default Wf	0	Default Local Use Value	\$1,606,137.72	\$0.00	\$0.00	\$0.00	\$1,606,137.72
500	089-X-022	2016	25400	Operation	KA000000	C002852	2924355	KA2401012, National Laboratories	0	Default Wf	0	Default Local Use Value	\$872,897.65	\$0.00	\$0.00	\$0.00	\$872,897.65
500	089-X-022	2015	25400	Operation	KP000000	C001024	2924200	KP1601010, Foundational Genomics Research	0	Default Wf	0	Default Local Use Value	\$180,000.00	\$0.00	\$0.00	\$0.00	\$180,000.00
500	089-X-022	2014	25400	Operation	KA000000	C002852	2923681	KA1102812, Proton Facilities - Chng in Inventories, Com	0	Default Wf	0	Default Local Use Value	\$212,904.79	\$0.00	\$0.00	\$0.00	\$212,904.79
500	089-X-022	2016	25400	Operation	KB000000	C001009	2923721	KB0101022, Medium Energy, Other National Laboratory	0	Default Wf	0	Default Local Use Value	\$332,163.64	\$0.00	\$0.00	\$0.00	\$332,163.64
500	089-X-022	2016	25400	Operation	KC000000	C002853	2924299	KC0304020, Physical Biosciences	0	Default Wf	0	Default Local Use Value	\$1,357,113.79	\$0.00	\$0.00	\$0.00	\$1,357,113.79
500	089-X-022	2015	25400	Operation	KA000000	C002852	2924313	KA2101020, National Laboratories	0	Default Wf	485474	CHOPEMIE30YD	\$620,981.62	\$0.00	\$0.00	\$0.00	\$620,981.62
500	089-X-022	2015	25400	Operation	KJ000000	C001018	2924135	KJ0402000, Computer Sciences Research	0	Default Wf	0	Default Local Use Value	\$177,483.60	\$0.00	\$0.00	\$0.00	\$177,483.60
500	089-X-022	2016	25400	Operation	KC000000	C002853	2923775	KC0202030, Condensed Matter Theory, Particle-Solid In	0	Default Wf	0	Default Local Use Value	\$240,339.63	\$0.00	\$0.00	\$0.00	\$240,339.63
500	089-X-022	2016	25400	Operation	KA000000	C002852	2924380	KA2601020, National Laboratories	0	Default Wf	0	Default Local Use Value	\$97,745.06	\$0.00	\$0.00	\$0.00	\$97,745.06
500	089-X-022	2015	31003	Other Equi	KC000000	C002853	2923774	KC0202020, DO NOT USE!!! Experimental Condensed M	0	Default Wf	485396	CHEQU	\$3,393.61	-\$3,393.61	\$0.00	-\$3,393.61	\$0.00
500	089-X-022	2013	31003	Other Equi	KA000000	C002852	2924363	KA2403013, Other Projects	0	Default Wf	485396	CHEQU	\$13,302.54	-\$13,302.54	\$0.00	-\$13,302.54	\$0.00
500	089-X-022	2015	25400	Operation	KP000000	C001024	2924216	KP1703020, Earth System Modeling	0	Default Wf	0	Default Local Use Value	\$42,767.36	\$0.00	\$0.00	\$0.00	\$42,767.36
500	089-X-022	2015	25400	Operation	KA000000	C002852	2924342	KA2203012, Line Item OPC	0	Default Wf	0	Default Local Use Value	\$119,515.33	\$0.00	\$0.00	\$0.00	\$119,515.33
500	089-X-022	2017	25400	Operation	KB000000	C001009	2923746	KB0301020, Theory, National Laboratory Research	0	Default Wf	0	Default Local Use Value	\$0.00	\$4,125,000.00	\$0.00	\$4,125,000.00	\$4,125,000.00
500	089-X-022	2017	25400	Operation	KJ000000	C001018	2924476	KJ0403010, Computational Partnerships - SciDAC	0	Default Wf	0	Default Local Use Value	\$0.00	\$237,000.00	\$600,000.00	\$837,000.00	\$837,000.00
500	089-X-022	2017	25400	Operation	KA000000	C002852	2924313	KA2101020, National Laboratories	0	Default Wf	0	Default Local Use Value	\$0.00	\$5,450,000.00	\$180,000.00	\$5,630,000.00	\$5,630,000.00
500	089-X-022	2017	25400	Operation	FS100000	C000984	2923657	FS1007000, Material Control and Accountability	0	Default Wf	0	Default Local Use Value	\$0.00	\$709,000.00	\$0.00	\$709,000.00	\$709,000.00
500	089-X-022	2017	25400	Operation	KA000000	C002852	2924371	KA2501032, National Laboratories	0	Default Wf	0	Default Local Use Value	\$0.00	\$1,200,000.00	\$0.00	\$1,200,000.00	\$1,200,000.00
500	089-X-022	2017	25400	Operation	KB000000	C001009	2923733	KB0201021, Heavy Ion, RHIC Research	0	Default Wf	0	Default Local Use Value	\$0.00	\$7,064,000.00	\$319,000.00	\$7,383,000.00	\$7,383,000.00
500	089-X-022	2017	25400	Operation	KC000000	C002853	2924405	KC0201060, Neutron and X-Ray Scatering	0	Default Wf	0	Default Local Use Value	\$0.00	\$2,350,000.00	\$0.00	\$2,350,000.00	\$2,350,000.00
500	089-X-022	2017	25400	Operation	KA000000	C002852	2924328	KA2202010, Experimental Operations and Support	0	Default Wf	0	Default Local Use Value	\$0.00	\$975,000.00	\$222,100.30	\$1,197,100.30	\$1,197,100.30
500	089-X-022	2016	31003	Other Equi	KP000000	C001024	2924209	KP1605010, Structural Biology Infrastructure	0	Default Wf	485396	CHEQU	\$0.00	\$1,582,426.00	-\$478,669.04	\$1,103,756.96	\$1,103,756.96
500	089-X-022	2016	25400	Operation	FS100000	C000984	2923655	FS1005000, Cyber Security	0	Default Wf	0	Default Local Use Value	\$718,695.99	\$0.00	\$0.00	\$0.00	\$718,695.99
500	089-X-022	2016	25400	Operation	KP000000	C001024	2924211	KP1701000, Atmospheric System Research	0	Default Wf	0	Default Local Use Value	\$1,492,685.68	\$0.00	\$0.00	\$0.00	\$1,492,685.68
500	089-X-022	2016	25400	Operation	KB000000	C001009	2924156	KB0201052, Heavy Ion Accelerator R&D Natl Lab Resear	0	Default Wf	0	Default Local Use Value	\$473,078.72	\$0.00	\$0.00	\$0.00	\$473,078.72
500	089-X-022	2007	25400	Operation	KP000000	C001024	2923849	KP1102010, Molecular Biology	0	Default Wf	0	Default Local Use Value	\$1,581.19	\$0.00	\$0.00	\$0.00	\$1,581.19
500	089-X-022	2014	25400	Operation	KB000000	C001009	2923728	KB0181012, Nuclear Physics - BNL-Tandem	0	Default Wf	0	Default Local Use Value	\$34,228.17	\$0.00	\$0.00	\$0.00	\$34,228.17
500	089-X-022	2015	31003	Other Equi	KB000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default Wf	485396	CHEQU	\$52,139.75	\$0.00	\$0.00	\$0.00	\$52,139.75
500	089-X-022	2016	25400	Operation	KC000000	C002853	2923807	KC0302010, Chemical Energy	0	Default Wf	0	Default Local Use Value	\$330,284.74	\$0.00	\$0.00	\$0.00	\$330,284.74
500	089-X-022	2014	31003	Other Equi	KC000000	C002853	2924232	KC0401030, National Synchrotron Light Source (BNL)	0	Default Wf	485396	CHEQU	\$0.35	-\$0.35	\$0.00	-\$0.35	\$0.00
500	089-X-022	2014	32001	Constructi	39KC0000	C000604	2924055	39KC02000PRN07SC06000, PED, National Synchrotron L	0	Default Wf	0	Default Local Use Value	\$2,399.33	-\$2,399.33	\$0.00	-\$2,399.33	\$0.00
500	089-X-022	2016	25400	Operation	KC000000	C002853	2923774	KC0202020, DO NOT USE!!! Experimental Condensed M	0	Default Wf	0	Default Local Use Value	\$188,786.71	\$0.00	\$0.00	\$0.00	\$188,786.71
500	089-X-022	2016	25400	Operation	KB000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default Wf	0	Default Local Use Value	\$5,608,896.89	\$0.00	\$0.00	\$0.00	\$5,608,896.89
500	089-X-022	2016	31003	Other Equi	KC000000	C002853	2924233	KC0401040, National Synchrotron Light Source II (BNL)	0	Default Wf	485396	CHEQU	\$6,757,308.93	\$5,600,000.00	\$0.00	\$5,600,000.00	\$12,357,308.93
500	089-X-022	2016	25400	Operation	KA000000	C002852	2924328	KA2202010, Experimental Operations and Support	0	Default Wf	0	Default Local Use Value	\$325,922.19	\$0.00	\$0.00	\$0.00	\$325,922.19
500	089-X-022	2015	25400	Operation	KP000000	C001024	2924209	KP1605010, Structural Biology Infrastructure	0	Default Wf	0	Default Local Use Value	\$2,286,067.89	\$0.00	\$0.00	\$0.00	\$2,286,067.89
500	089-X-022	2013	25400	Operation	KJ000000	C001018	2924137	KJ0404000, Next Generation Networking for Science	0	Default Wf	0	Default Local Use Value	\$88,613.67	\$0.00	\$0.00	\$0.00	\$88,613.67
500	089-X-022	2016	25400	Operation	FS100000	C000984	2923652	FS1001000, Protective Forces	0	Default Wf	0	Default Local Use Value	\$1,141,759.68	\$0.00	\$2,200.00	\$2,200.00	\$1,143,959.68
500	089-X-022	2017	25400	Operation	KB000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default Wf	0	Default Local Use Value	\$0.00	\$35,958,000.00	\$0.00	\$35,958,000.00	\$35,958,000.00
500	089-X-022	2017	25400	Operation	KA000000	C002852	2924319	KA2102090, Other Facilities	0	Default Wf	0	Default Local Use Value	\$0.00	\$165,000.00	\$0.00	\$165,000.00	\$165,000.00
500	089-X-022	2017	25400	Operation	KC000000	C002853	2924242	KC0403020, Center for Functional Nanomaterials (BNL)	0	Default Wf	0	Default Local Use Value	\$0.00	\$22,868,000.00	-\$145,000.00	\$22,723,000.00	\$22,723,000.00
500	089-X-022	2017	25400	Operation	FS100000	C000984	2923652	FS1001000, Protective Forces	0	Default Wf	0	Default Local Use Value	\$0.00	\$6,783,000.00	\$102,983.00	\$6,885,983.00	\$6,885,983.00
500	089-X-022	2017	25400	Operation	KA000000	C002852	2924325	KA2201020, National Laboratories	0	Default Wf	0	Default Local Use Value	\$0.00	\$4,820,000.00	\$0.00	\$4,820,000.00	\$4,820,000.00
500	089-X-022	2017	25400	Operation	KA000000	C002852	2924336	KA2202090, Other Facilities	0	Default Wf	0	Default Local Use Value	\$0.00	\$385,000.00	\$0.00	\$385,000.00	\$385,000.00
500	089-X-022	2017	25400	Operation	KB000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default Wf	0	Default Local Use Value	\$0.00	\$132,467,000.00	\$0.00	\$132,467,000.00	\$132,467,000.00

Fund Code	Fund Code Title	Fiscal Year	Object Class	Object Class Title	Legacy B&R Control	OC	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
500	089-X-022	2017	32001	Constructi	39KG0100	C003087	2924481	39KG01000PRN17SC73000 Core Facility Revitalization, E0	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$1,800,000.00	\$0.00	\$1,800,000.00	\$1,800,000.00
500	089-X-022	2017	25400	Operation	KC000000	C002853	2923775	KC0202030, Condensed Matter Theory, Particle-Solid In 0	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$1,554,000.00	\$0.00	\$1,554,000.00	\$1,554,000.00
500	089-X-022	2016	25400	Operation	KL0000000	C001021	2924406	KL1001000, Science Undergraduate Laboratory Interns 0	0	Default Wf 0	0	Default Local Use Value	\$657,357.42	\$0.00	\$0.00	\$0.00	\$657,357.42
500	089-X-022	2016	25400	Operation	KC000000	C002853	2923809	KC0302030, Heavy Element Chemistry	0	Default Wf 0	0	Default Local Use Value	\$383,021.77	\$0.00	\$0.00	\$0.00	\$383,021.77
500	089-X-022	2016	25400	Operation	KC000000	C002853	2924295	KC0202050, Physical Behavior of Materials	0	Default Wf 0	0	Default Local Use Value	\$20,444.56	\$0.00	\$0.00	\$0.00	\$20,444.56
500	089-X-022	2016	25400	Operation	KA000000	C002852	2924366	KA2501012, National Laboratories	0	Default Wf 0	0	Default Local Use Value	\$119,962.39	\$0.00	\$0.00	\$0.00	\$119,962.39
500	089-X-022	2016	25400	Operation	KJ0000000	C001018	2924135	KJ0402000, Computer Sciences Research	0	Default Wf 0	0	Default Local Use Value	\$500,000.00	\$0.00	\$0.00	\$0.00	\$500,000.00
500	089-X-022	2015	25400	Operation	KJ0000000	C001018	2924137	KJ0404000, Next Generation Networking for Science	0	Default Wf 0	0	Default Local Use Value	\$220,490.65	-\$2,864.15	\$0.00	-\$2,864.15	\$217,626.50
500	089-X-022	2016	25400	Operation	KB000000	C001009	2923733	KB0201021, Heavy Ion, RHIC Research	0	Default Wf 0	0	Default Local Use Value	\$1,156,414.54	\$0.00	\$0.00	\$0.00	\$1,156,414.54
500	089-X-022	2016	25400	Operation	KA000000	C002852	2924346	KA2301020, National Laboratories	0	Default Wf 0	0	Default Local Use Value	\$515,439.32	\$0.00	\$0.00	\$0.00	\$515,439.32
500	089-X-022	2016	31003	Other Equi	KC000000	C002853	2924242	KC0403020, Center for Functional Nanomaterials (BNL) 0	0	Default Wf 485396	CHEQU	\$2,135,454.47	\$0.00	\$0.00	\$0.00	\$0.00	\$2,135,454.47
500	089-X-022	2016	31001	Major Iter	KA000000	C002852	2924320	KA2103011, MIE	0	Default Wf 485486	CHEQU	\$9,394,807.12	\$0.00	\$0.00	\$0.00	\$0.00	\$9,394,807.12
500	089-X-022	2017	25400	Operation	KC000000	C002853	2923809	KC0302030, Heavy Element Chemistry	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$212,000.00	\$0.00	\$212,000.00	\$212,000.00
500	089-X-022	2017	25400	Operation	FS1000000	C000984	2923656	FS1006000, Personnel Security	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$589,000.00	\$0.00	\$589,000.00	\$589,000.00
500	089-X-022	2017	25400	Operation	KC000000	C002853	2924299	KC0304020, Physical Biosciences	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$3,841,000.00	\$0.00	\$3,841,000.00	\$3,841,000.00
500	089-X-022	2017	25400	Operation	KP000000	C001024	2924211	KP1701000, Atmospheric System Research	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$4,830,000.00	\$0.00	\$4,830,000.00	\$4,830,000.00
500	089-X-022	2017	25400	Operation	KL0000000	C001021	2924407	KL1002000, Community College Internship Program	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$180,000.00	\$0.00	\$180,000.00	\$180,000.00
500	089-X-022	2017	25400	Operation	KA000000	C002852	2924382	KA2602010, Accelerator Operations and Support	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$3,613,000.00	\$92,000.00	\$3,705,000.00	\$3,705,000.00
500	089-X-022	2017	25400	Operation	KC000000	C002853	2923769	KC0201010, Structure Of Materials	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$3,634,000.00	\$0.00	\$3,634,000.00	\$3,634,000.00
500	089-X-022	2016	25400	Operation	KP000000	C001024	2924216	KP1703020, Earth System Modeling	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$120,000.00	\$0.00	\$120,000.00	\$120,000.00
500	089-X-022	2017	25400	Operation	KC000000	C002853	2924421	KC0406030, Long Term Surveillance and Maintenance	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$7,225,000.00	\$145,000.00	\$7,370,000.00	\$7,370,000.00
500	089-X-022	2011	25400	Operation	KC000000	C002853	2923769	KC0201010, Structure Of Materials	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$0.00	\$6,396.46	\$6,396.46	\$6,396.46
500	089-X-022	2012	25400	Operation	KC000000	C002853	2923769	KC0201010, Structure Of Materials	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$0.00	\$61,762.66	\$61,762.66	\$61,762.66
500	089-X-022	2011	31003	Other Equi	KC000000	C002853	3023325	KC0203020, Synthesis and Processing Science	0	Default Wf 485396	CHEQU	\$2,515.98	\$0.00	\$0.00	\$0.00	\$0.00	\$2,515.98
500	089-X-022	2016	25400	Operation	KA000000	C002852	2924368	KA2501021, LHC Accelerator Research	0	Default Wf 0	0	Default Local Use Value	\$171,563.78	\$0.00	\$0.00	\$0.00	\$171,563.78
500	089-X-022	2016	32003	Accelerato	KA000000	C002852	2924382	KA2602010, Accelerator Operations and Support	0	Default Wf 485395	CHAIP	\$338,106.61	\$0.00	\$0.00	\$0.00	\$0.00	\$338,106.61
500	089-X-022	2014	25400	Operation	KA000000	C002852	2923680	KA1102811, Proton Facilities - Chng in Inventories, Spec 0	0	Default Wf 0	0	Default Local Use Value	\$25,126.18	\$0.00	\$0.00	\$0.00	\$25,126.18
500	089-X-022	2016	25400	Operation	KA000000	C002852	2924369	KA2501022, Muon Accelerators	0	Default Wf 0	0	Default Local Use Value	\$624,552.42	\$0.00	\$0.00	\$0.00	\$624,552.42
500	089-X-022	2016	31003	Other Equi	FS1000000	C000984	2923655	FS1005000, Cyber Security	0	Default Wf 485396	CHEQU	\$720,000.00	\$0.00	\$0.00	\$0.00	\$0.00	\$720,000.00
500	089-X-022	2016	32001	Constructi	39KA0000	C002786	2924263	39KA00000PRN11SC40000, Long Baseline Neutrino Expe 0	0	Default Wf 0	0	Default Local Use Value	\$2,784,013.23	\$0.00	\$0.00	\$0.00	\$2,784,013.23
500	089-X-022	2016	25400	Operation	KC000000	C002853	2923803	KC0301020, Chemical Physics	0	Default Wf 0	0	Default Local Use Value	\$268,939.89	\$0.00	\$0.00	\$0.00	\$268,939.89
500	089-X-022	2015	25400	Operation	KA000000	C002852	2924336	KA2202090, Other Facilities	0	Default Wf 0	0	Default Local Use Value	\$284,282.14	\$0.00	\$0.00	\$0.00	\$284,282.14
500	089-X-022	2016	25400	Operation	KC000000	C002853	2924460	KC0301050, Condensed Phase & Interfacial Molecular S 0	0	Default Wf 0	0	Default Local Use Value	\$63,125.86	\$0.00	\$0.00	\$0.00	\$63,125.86
500	089-X-022	2016	25400	Operation	KJ0000000	C001018	2924137	KJ0404000, Next Generation Networking for Science	0	Default Wf 0	0	Default Local Use Value	\$471,000.00	\$0.00	\$0.00	\$0.00	\$471,000.00
500	089-X-022	2016	25400	Operation	FS1000000	C000984	2923654	FS1004000, Information Security	0	Default Wf 0	0	Default Local Use Value	\$219,425.15	\$0.00	\$0.00	\$0.00	\$219,425.15
500	089-X-022	2016	25400	Operation	KA000000	C002852	2924319	KA2102090, Other Facilities	0	Default Wf 0	0	Default Local Use Value	\$167,707.69	-\$21,673.92	\$0.00	-\$21,673.92	\$146,033.77
500	089-X-022	2016	25400	Operation	KA000000	C002852	2924358	KA2401022, Scientific Computing	0	Default Wf 0	0	Default Local Use Value	\$31,794.97	\$0.00	\$0.00	\$0.00	\$31,794.97
500	089-X-022	2017	32003	Accelerato	KA000000	C002852	2924382	KA2602010, Accelerator Operations and Support	0	Default Wf 485395	CHAIP	\$0.00	\$1,163,000.00	\$0.00	\$1,163,000.00	\$1,163,000.00	
500	089-X-022	2017	25400	Operation	KB000000	C001009	2923749	KB0301042, Theory, Nuclear Data, National Laboratory 0	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$3,990,000.00	\$618,666.00	\$4,608,666.00	\$4,608,666.00
500	089-X-022	2017	31003	Other Equi	KA000000	C002852	2924363	KA2403013, Other Projects	0	Default Wf 485396	CHEQU	\$0.00	\$750,000.00	\$0.00	\$750,000.00	\$750,000.00	
500	089-X-022	2017	25400	Operation	KB000000	C001009	2923721	KB0101022, Medium Energy, Other National Laboratory 0	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$2,289,000.00	\$0.00	\$2,289,000.00	\$2,289,000.00
500	089-X-022	2017	25400	Operation	KP000000	C001024	2924462	KP1703040, Climate Model Development and Validatio 0	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$1,431,000.00	\$0.00	\$1,431,000.00	\$1,431,000.00
500	089-X-022	2017	25400	Operation	KC000000	C002853	2924460	KC0301050, Condensed Phase & Interfacial Molecular S 0	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$1,546,000.00	\$0.00	\$1,546,000.00	\$1,546,000.00
500	089-X-022	2017	31003	Other Equi	KC000000	C002853	2924233	KC0401040, National Synchrotron Light Source II (BNL) 0	0	Default Wf 485396	CHEQU	\$0.00	\$8,200,000.00	\$0.00	\$8,200,000.00	\$8,200,000.00	
500	089-X-022	2017	25400	Operation	KC000000	C002853	2923803	KC0301020, Chemical Physics	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$1,802,000.00	\$0.00	\$1,802,000.00	\$1,802,000.00
500	089-X-022	2017	25400	Operation	KA000000	C002852	2924314	KA2101030, University Service Accounts	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$133,670.00	\$5,000.00	\$138,670.00	\$138,670.00
500	089-X-022	2017	25400	Operation	KC000000	C002853	2924447	KC0213010, Computational Materials Sciences	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$2,875,000.00	\$0.00	\$2,875,000.00	\$2,875,000.00
500	089-X-022	2017	25400	Operation	KB000000	C001009	2923734	KB0201022, Heavy Ion, Other National Laboratory Rese 0	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$25,000.00	\$0.00	\$25,000.00	\$25,000.00
500	089-X-022	2017	25400	Operation	FS1000000	C000984	2923653	FS1002000, Security Systems	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$896,000.00	\$0.00	\$896,000.00	\$896,000.00
500	089-X-022	2017	31003	Other Equi	KB000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default Wf 485396	CHEQU	\$0.00	\$2,650,000.00	\$0.00	\$2,650,000.00	\$2,650,000.00	
500	089-X-022	2017	25400	Operation	KC000000	C002853	2924300	KC0304030, Solar Photochemistry	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$6,755,000.00	\$0.00	\$6,755,000.00	\$6,755,000.00
500	089-X-022	2015	25400	Operation	KC000000	C002853	2924233	KC0401040, National Synchrotron Light Source II (BNL) 0	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$41,574.49	\$0.00	\$41,574.49	\$41,574.49
500	089-X-022	2017	25400	Operation	KA000000	C002852	2924317	KA2102021, ATLAS Detector and Computing Support	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$22,932,953.00	\$0.00	\$22,932,953.00	\$22,932,953.00
500	089-X-022	2014	25400	Operation	KC000000	C002853	2923769	KC0201010, Structure Of Materials	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$0.00	\$29,856.16	\$29,856.16	\$29,856.16
500	089-X-022	2013	25400	Operation	KC000000	C002853	2923769	KC0201010, Structure Of Materials	0	Default Wf 0	0	Default Local Use Value	\$0.00	\$0.00	\$130,348.22	\$130,348.22	\$130,348.22

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
500	089-X-022:	2013	32001	Constructi	39KG0000	C002739	2924227	39KG01000PRN10SC72000, Renovate Science Laborator	0	Default Wf	0	Default Local Use Value	\$13,328.21	\$0.00	\$0.00	\$0.00	\$13,328.21
500	089-X-022:	2016	25400	Operation	FS1000000	C000984	2923656	FS1006000, Personnel Security	0	Default Wf	0	Default Local Use Value	\$205,594.31	\$0.00	\$0.00	\$0.00	\$205,594.31
500	089-X-022:	2016	25400	Operation	KL0000000	C001021	2924414	KL1500000, Outreach	0	Default Wf	0	Default Local Use Value	\$40,000.00	\$0.00	\$0.00	\$0.00	\$40,000.00
500	089-X-022:	2011	25400	Operation	KP0000000	C001024	2924206	KP1602020, Radiobiology	0	Default Wf	0	Default Local Use Value	\$133,299.29	-\$423.11	\$0.00	-\$423.11	\$132,876.18
500	089-X-022:	2014	25400	Operation	KP0000000	C001024	2924217	KP1703030, Integrated Assessment	0	Default Wf	0	Default Local Use Value	\$66.09	-\$66.09	\$0.00	-\$66.09	\$0.00
500	089-X-022:	2016	25400	Operation	KC0000000	C002853	3023325	KC0203020, Synthesis and Processing Science	0	Default Wf	0	Default Local Use Value	\$79,184.60	\$0.00	\$0.00	\$0.00	\$79,184.60
500	089-X-022:	2016	25400	Operation	KB0000000	C001009	2923746	KB0301020, Theory, National Laboratory Research	0	Default Wf	0	Default Local Use Value	\$1,702,019.19	\$0.00	\$0.00	\$0.00	\$1,702,019.19
500	089-X-022:	2016	25400	Operation	KC0000000	C002853	2923769	KC0201010, Structure Of Materials	0	Default Wf	0	Default Local Use Value	\$1,977,142.14	\$0.00	\$11,389.98	\$11,389.98	\$1,988,532.12
500	089-X-022:	2016	25400	Operation	KC0000000	C002853	2924300	KC0304030, Solar Photochemistry	0	Default Wf	0	Default Local Use Value	\$2,017,288.63	\$0.00	\$0.00	\$0.00	\$2,017,288.63
500	089-X-022:	2015	25400	Operation	KC0000000	C002853	2924232	KC0401030, National Synchrotron Light Source (BNL)	0	Default Wf	0	Default Local Use Value	\$90,348.79	-\$41,574.49	\$0.00	-\$41,574.49	\$48,774.30
500	089-X-022:	2016	25400	Operation	FS1000000	C000984	2923658	FS1009000, Program Management	0	Default Wf	0	Default Local Use Value	\$502,270.24	\$0.00	\$0.00	\$0.00	\$502,270.24
500	089-X-022:	2016	25400	Operation	KC0000000	C002853	2924421	KC0406030, Long Term Surveillance and Maintenance	0	Default Wf	0	Default Local Use Value	\$688,593.25	\$0.00	\$0.00	\$0.00	\$688,593.25
500	089-X-022:	2016	32003	Accelerato	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default Wf	485395	CHAIP	\$3,384,154.12	\$0.00	\$0.00	\$0.00	\$3,384,154.12
500	089-X-022:	2016	25400	Operation	KC0000000	C002853	2924447	KC0213010, Computational Materials Sciences	0	Default Wf	0	Default Local Use Value	\$2,875,000.00	\$0.00	\$0.00	\$0.00	\$2,875,000.00
500	089-X-022:	2014	25400	Operation	KJ0000000	C001018	2924137	KJ0404000, Next Generation Networking for Science	0	Default Wf	0	Default Local Use Value	\$6,172.14	\$0.00	\$0.00	\$0.00	\$6,172.14
500	089-X-022:	2016	25400	Operation	KB0000000	C001009	2923749	KB0301042, Theory, Nuclear Data, National Laboratory	0	Default Wf	0	Default Local Use Value	\$435,882.54	\$0.00	\$0.00	\$0.00	\$435,882.54
500	089-X-022:	2015	25400	Operation	KA0000000	C002852	2924314	KA2101030, University Service Accounts	0	Default Wf	0	Default Local Use Value	\$52,821.41	\$0.00	\$0.00	\$0.00	\$52,821.41
500	089-X-022:	2016	31001	Major Item	KC0000000	C002853	2924289	KC0405060, NSLS-II Experimental Tools (NEXT)	0	Default Wf	485469	CHEQUMIE21XG	\$7,453,205.72	\$0.00	\$0.00	\$0.00	\$7,453,205.72
500	089-X-022:	2016	25400	Operation	FS1000000	C000984	2923657	FS1007000, Material Control and Accountability	0	Default Wf	0	Default Local Use Value	\$324,477.63	\$0.00	\$0.00	\$0.00	\$324,477.63
500	089-X-022:	2016	25400	Operation	KB0000000	C001009	2923752	KB0301052, Theory, SciDAC, National Laboratory Resear	0	Default Wf	0	Default Local Use Value	\$214,542.85	\$0.00	\$0.00	\$0.00	\$214,542.85
500	089-X-022:	2017	25400	Operation	FS1000000	C000984	2923654	FS1004000, Information Security	0	Default Wf	0	Default Local Use Value	\$0.00	\$509,000.00	\$0.00	\$509,000.00	\$509,000.00
500	089-X-022:	2017	25400	Operation	KJ0000000	C001018	2924474	KJ0402010, Computer Sciences - Research	0	Default Wf	0	Default Local Use Value	\$0.00	\$450,000.00	\$0.00	\$450,000.00	\$450,000.00
500	089-X-022:	2017	25400	Operation	KC0000000	C002853	3023325	KC0203020, Synthesis and Processing Science	0	Default Wf	0	Default Local Use Value	\$0.00	\$2,551,000.00	\$500,000.00	\$3,051,000.00	\$3,051,000.00
500	089-X-022:	2017	25400	Operation	KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II (BNL)	0	Default Wf	0	Default Local Use Value	\$0.00	\$103,334,000.00	-\$1,800,000.00	\$101,534,000.00	\$101,534,000.00
500	089-X-022:	2017	25400	Operation	KJ0000000	C001018	2924137	KJ0404000, Next Generation Networking for Science	0	Default Wf	0	Default Local Use Value	\$0.00	\$730,000.00	\$0.00	\$730,000.00	\$730,000.00
500	089-X-022:	2012	25400	Operation	FS1000000	C000984	2923652	FS1001000, Protective Forces	0	Default Wf	0	Default Local Use Value	\$0.00	\$0.00	\$5,000.00	\$5,000.00	\$5,000.00
500	089-X-022:	2016	25400	Operation	KA0000000	C002852	2924371	KA2501032, National Laboratories	0	Default Wf	0	Default Local Use Value	\$597,568.28	\$0.00	\$0.00	\$0.00	\$597,568.28
500	089-X-022:	2016	25400	Operation	KP0000000	C001024	2924209	KP1605010, Structural Biology Infrastructure	0	Default Wf	0	Default Local Use Value	\$2,500,000.00	-\$1,582,426.00	\$478,669.04	-\$1,103,756.96	\$1,396,243.04
500	089-X-022:	2016	25400	Operation	KC0000000	C002853	2924405	KC0201060, Neutron and X-Ray Scatering	0	Default Wf	0	Default Local Use Value	\$974,600.96	\$0.00	\$0.00	\$0.00	\$974,600.96
500	089-X-022:	2014	25400	Operation	KB0000000	C001009	2923741	KB0281011, Nuclear Physics - RHIC	0	Default Wf	0	Default Local Use Value	\$440,766.74	\$0.00	\$0.00	\$0.00	\$440,766.74
500	089-X-022:	2016	25400	Operation	KA0000000	C002852	2924382	KA2602010, Accelerator Operations and Support	0	Default Wf	0	Default Local Use Value	\$439,869.04	\$0.00	\$0.00	\$0.00	\$439,869.04
500	089-X-022:	2016	25400	Operation	KP0000000	C001024	2924462	KP1703040, Climate Model Development and Validati	0	Default Wf	0	Default Local Use Value	\$1,338,617.23	\$0.00	\$0.00	\$0.00	\$1,338,617.23
500	089-X-022:	2016	25400	Operation	KB0000000	C001009	2923734	KB0201022, Heavy Ion, Other National Laboratory Rese	0	Default Wf	0	Default Local Use Value	\$3,451.68	-\$291.86	\$0.00	-\$291.86	\$3,159.82
500	089-X-022:	2007	31003	Other Equi	KP0000000	C001024	2923848	KP1101010, Structural Biology	0	Default Wf	485396	CHEQU	\$39,292.45	\$0.00	\$0.00	\$0.00	\$39,292.45
500	089-X-022:	2016	31003	Other Equi	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default Wf	485396	CHEQU	\$1,594,000.00	\$0.00	\$0.00	\$0.00	\$1,594,000.00
500	089-X-022:	2016	25400	Operation	KB0000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default Wf	0	Default Local Use Value	\$3,890,030.59	\$0.00	\$0.00	\$0.00	\$3,890,030.59
500	089-X-022:	2010	25400	Operation	KA0000000	C002852	2924151	KA1301032, Non-Accelerator Physics Research, Projects	0	Default Wf	0	Default Local Use Value	\$3,865.54	-\$3,865.54	\$0.00	-\$3,865.54	\$0.00
500	089-X-022:	2014	25400	Operation	KC0000000	C002853	2923794	KC0281013, BNL-NSLS	0	Default Wf	0	Default Local Use Value	\$165,193.55	\$0.00	\$0.00	\$0.00	\$165,193.55
500	089-X-022:	2016	25400	Operation	KC0000000	C002853	2924233	KC0401040, National Synchrotron Light Source II (BNL)	0	Default Wf	0	Default Local Use Value	\$25,785,995.15	-\$5,600,000.00	\$0.00	-\$5,600,000.00	\$20,185,995.15
500	089-X-022:	2017	25400	Operation	KC0000000	C002853	2923807	KC0302010, Chemical Energy	0	Default Wf	0	Default Local Use Value	\$0.00	\$4,606,000.00	\$0.00	\$4,606,000.00	\$4,606,000.00
500	089-X-022:	2017	25400	Operation	KA0000000	C002852	2924368	KA2501021, LHC Accelerator Research	0	Default Wf	0	Default Local Use Value	\$0.00	\$5,447,000.00	\$0.00	\$5,447,000.00	\$5,447,000.00
500	089-X-022:	2017	25400	Operation	KC0000000	C002853	2924472	KC0201070, X-Ray Scattering	0	Default Wf	0	Default Local Use Value	\$0.00	\$1,900,000.00	\$0.00	\$1,900,000.00	\$1,900,000.00
500	089-X-022:	2017	31001	Major Item	KA0000000	C002852	2924320	KA2103011, MIE	0	Default Wf	485486	CHEQUMIE30YD	\$0.00	\$8,500,000.00	\$0.00	\$8,500,000.00	\$8,500,000.00
500	089-X-022:	2017	25400	Operation	KA0000000	C002852	2924366	KA2501012, National Laboratories	0	Default Wf	0	Default Local Use Value	\$0.00	\$102,899.70	\$0.00	\$102,899.70	\$102,899.70
500	089-X-022:	2017	25400	Operation	FS1000000	C000984	2923658	FS1009000, Program Management	0	Default Wf	0	Default Local Use Value	\$0.00	\$785,000.00	\$0.00	\$785,000.00	\$785,000.00
500	089-X-022:	2017	25400	Operation	KA0000000	C002852	2924380	KA2601020, National Laboratories	0	Default Wf	0	Default Local Use Value	\$0.00	\$615,000.00	\$17,000.00	\$632,000.00	\$632,000.00
500	089-X-022:	2017	32003	Accelerato	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default Wf	485395	CHAIP	\$0.00	\$2,369,000.00	\$0.00	\$2,369,000.00	\$2,369,000.00
500	089-X-022:	2017	31003	Other Equi	KC0000000	C002853	2924242	KC0403020, Center for Functional Nanomaterials (BNL)	0	Default Wf	485396	CHEQU	\$0.00	\$600,000.00	\$0.00	\$600,000.00	\$600,000.00
500	089-X-022:	2017	25400	Operation	KC0000000	C002853	2924294	KC0202040, Mechanical Behavior and Radiation Effects	0	Default Wf	0	Default Local Use Value	\$0.00	\$200,000.00	\$0.00	\$200,000.00	\$200,000.00
500	089-X-022:	2017	25400	Operation	KA0000000	C002852	2924369	KA2501022, Muon Accelerators	0	Default Wf	0	Default Local Use Value	\$0.00	\$250,000.00	\$0.00	\$250,000.00	\$250,000.00
500	089-X-022:	2017	31003	Other Equi	KB0000000	C001009	2923736	KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default Wf	485396	CHEQU	\$0.00	\$1,094,000.00	\$0.00	\$1,094,000.00	\$1,094,000.00
500	089-X-022:	2017	25400	Operation	KP0000000	C001024	2924209	KP1605010, Structural Biology Infrastructure	0	Default Wf	0	Default Local Use Value	\$0.00	\$2,480,000.00	\$0.00	\$2,480,000.00	\$2,480,000.00
500	089-X-022:	2015	25400	Operation	KC0000000	C002853	2923769	KC0201010, Structure Of Materials	0	Default Wf	0	Default Local Use Value	\$0.00	\$3,393.61	\$10,246.52	\$13,640.13	\$13,640.13
500	089-X-022:	2017	25400	Operation	KL0000000	C001021	2924408	KL1003000, Visiting Faculty Program	0	Default Wf	0	Default Local Use Value	\$0.00	\$120,000.00	\$0.00	\$120,000.00	\$120,000.00
500	089-X-022:	2017	25400	Operation	KA0000000	C002852	2924357	KA2401021, Scientific Discovery through Advanced Com	0	Default Wf	0	Default Local Use Value	\$0.00	\$120,000.00	\$0.00	\$120,000.00	\$120,000.00
500	089-X-022:	2017	25400	Operation	KL0000000	C001021	2924414	KL1500000, Outreach	0	Default Wf	0	Default Local Use Value	\$0.00	\$76,9			

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
500	089-X-022	2016	25400	Operation	KA000000	C002852	2924325	KA2201020, National Laboratories	0	Default Wf 0		Default Local Use Value	\$1,044,141.64	\$0.00	\$0.00	\$0.00	\$1,044,141.64
500	089-X-022	2013	25400	Operation	KP000000	C001024	2924202	KP1601030, Metabolic Synthesis and Conversion	0	Default Wf 0		Default Local Use Value	\$31,958.69	-\$31,958.69	\$0.00	-\$31,958.69	\$0.00
500	089-X-022	2014	31003	Other Equi	KC000000	C002853	2924300	KC0304030, Solar Photochemistry	0	Default Wf 485396	CHEQU		\$1,164.17	-\$1,164.17	\$0.00	-\$1,164.17	\$0.00
500	089-X-022	2016	25400	Operation	KA000000	C002852	2924317	KA2102021, ATLAS Detector and Computing Support	0	Default Wf 0		Default Local Use Value	\$9,468,950.42	\$0.00	\$0.00	\$0.00	\$9,468,950.42
500	089-X-022	2013	25400	Operation	KP000000	C001024	2924200	KP1601010, Foundational Genomics Research	0	Default Wf 0		Default Local Use Value	\$108,136.82	\$0.00	\$0.00	\$0.00	\$108,136.82
500	089-X-022	2016	25400	Operation	KA000000	C002852	2924336	KA2202090, Other Facilities	0	Default Wf 0		Default Local Use Value	\$385,000.00	\$0.00	\$0.00	\$0.00	\$385,000.00
500	089-X-022	2016	25400	Operation	KA000000	C002852	2924314	KA2101030, University Service Accounts	0	Default Wf 0		Default Local Use Value	\$242,500.00	\$0.00	\$0.00	\$0.00	\$242,500.00
500	089-X-022	2015	25400	Operation	KA000000	C002852	2924363	KA2403013, Other Projects	0	Default Wf 0		Default Local Use Value	\$9,984.80	\$0.00	\$0.00	\$0.00	\$9,984.80
500	089-X-022	2016	25400	Operation	KP000000	C001024	2924203	KP1601040, Computational Biosciences	0	Default Wf 0		Default Local Use Value	\$1,700,697.29	\$0.00	\$0.00	\$0.00	\$1,700,697.29
500	089-X-022	2010	25400	Operation	KL000000	C001021	2924414	KL1500000, Outreach	0	Default Wf 0		Default Local Use Value	\$2,180.42	\$0.00	\$0.00	\$0.00	\$2,180.42
500	089-X-022	2014	25400	Operation	KP000000	C001024	2924200	KP1601010, Foundational Genomics Research	0	Default Wf 0		Default Local Use Value	\$180,000.00	\$0.00	\$0.00	\$0.00	\$180,000.00
500	089-X-022	2016	31001	Major Iter	KA000000	C002852	2924350	KA2303011, MIE	0	Default Wf 4809008	CHEQUMIE11WB		\$3,100,354.96	\$0.00	\$0.00	\$0.00	\$3,100,354.96
500	089-X-022	2016	25400	Operation	KA000000	C002852	2924320	KA2103011, MIE	0	Default Wf 485493	CHOPEMIE61BM		\$8,877.94	\$0.00	\$0.00	\$0.00	\$8,877.94
500	089-X-022	2017	25400	Operation	FS100000	C000984	2923655	FS1005000, Cyber Security	0	Default Wf 0		Default Local Use Value	\$0.00	\$2,098,000.00	\$0.00	\$2,098,000.00	\$2,098,000.00
500	089-X-022	2017	25400	Operation	KA000000	C002852	2924358	KA2401022, Scientific Computing	0	Default Wf 0		Default Local Use Value	\$0.00	\$352,000.00	\$50,000.00	\$402,000.00	\$402,000.00
500	089-X-022	2017	25400	Operation	KP000000	C001024	2924216	KP1703020, Earth System Modeling	0	Default Wf 0		Default Local Use Value	\$0.00	\$566,000.00	\$0.00	\$566,000.00	\$566,000.00
500	089-X-022	2017	25400	Operation	KB000000	C001009	2923755	KB0401022, Low Energy, Other National Laboratory Res	0	Default Wf 0		Default Local Use Value	\$0.00	\$839,000.00	\$0.00	\$839,000.00	\$839,000.00
500	089-X-022	2017	25400	Operation	KC000000	C002853	2923774	KC0202020, DO NOT USE!!! Experimental Condensed M	0	Default Wf 0		Default Local Use Value	\$0.00	\$2,139,000.00	\$0.00	\$2,139,000.00	\$2,139,000.00
500	089-X-022	2017	25400	Operation	KA000000	C002852	2924346	KA2301020, National Laboratories	0	Default Wf 0		Default Local Use Value	\$0.00	\$1,300,000.00	\$0.00	\$1,300,000.00	\$1,300,000.00
500	089-X-022	2017	25400	Operation	KC000000	C002853	2924192	KC0207010, Energy Frontier Research Centers (EFRCs)	0	Default Wf 0		Default Local Use Value	\$0.00	\$3,332,000.00	\$0.00	\$3,332,000.00	\$3,332,000.00
500	089-X-022	2017	25400	Operation	KC000000	C002853	2924295	KC0202050, Physical Behavior of Materials	0	Default Wf 0		Default Local Use Value	\$0.00	\$592,000.00	\$0.00	\$592,000.00	\$592,000.00
500	089-X-022	2017	31001	Major Iter	KA000000	C002852	2924350	KA2303011, MIE	0	Default Wf 4809008	CHEQUMIE11WB		\$0.00	\$3,000,000.00	\$0.00	\$3,000,000.00	\$3,000,000.00
500	089-X-022	2014	25400	Operation	KC000000	C002853	2924300	KC0304030, Solar Photochemistry	0	Default Wf 0		Default Local Use Value	\$0.00	\$1,164.17	\$0.00	\$1,164.17	\$1,164.17
500	089-X-022	2017	32003	Accelerato	KC000000	C002853	2924233	KC0401040, National Synchrotron Light Source II (BNL)	0	Default Wf 485395	CHAIP		\$0.00	\$0.00	\$1,800,000.00	\$1,800,000.00	\$1,800,000.00
500	089-X-022	2010	25400	Operation	FS100000	C000984	2923652	FS1001000, Protective Forces	0	Default Wf 0		Default Local Use Value	\$0.00	\$0.00	\$1,389.65	\$1,389.65	\$1,389.65
500	089-X-022	2016	25400	Operation	KL000000	C001021	2924408	KL1003000, Visiting Faculty Program	0	Default Wf 0		Default Local Use Value	\$325,428.91	\$0.00	\$0.00	\$0.00	\$325,428.91
500	089-X-022	2016	25400	Operation	KC000000	C002853	2924192	KC0207010, Energy Frontier Research Centers (EFRCs)	0	Default Wf 0		Default Local Use Value	\$3,286,893.63	\$0.00	\$0.00	\$0.00	\$3,286,893.63
500	089-X-022	2014	25400	Operation	KC000000	C002853	2924248	KC0404040, National Synchrotron Light Source II (BNL)	0	Default Wf 0		Default Local Use Value	\$708,710.29	-\$708,710.29	\$0.00	-\$708,710.29	\$0.00
500	089-X-022	2016	25400	Operation	KB000000	C001009	2923755	KB0401022, Low Energy, Other National Laboratory Res	0	Default Wf 0		Default Local Use Value	\$72,507.28	\$0.00	\$0.00	\$0.00	\$72,507.28
500	089-X-022	2015	25400	Operation	KC000000	C002853	2924447	KC0213010, Computational Materials Sciences	0	Default Wf 0		Default Local Use Value	\$1,781,003.95	\$0.00	\$0.00	\$0.00	\$1,781,003.95
500	089-X-022	2015	25400	Operation	KP000000	C001024	2924417	KP1606000, STARTING IN FY 2018, DO NOT USE!!! Meso	0	Default Wf 0		Default Local Use Value	\$800,505.82	\$0.00	\$0.00	\$0.00	\$800,505.82
500	089-X-022	2012	25400	Operation	KA000000	C002852	2923679	KA1102080, Proton Facilities - Other	0	Default Wf 0		Default Local Use Value	\$22,965.75	-\$1,048.67	\$0.00	-\$1,048.67	\$21,917.08
500	089-X-022	2016	25400	Operation	KP000000	C001024	2924205	KP1602010, Radiochemistry and Imaging Instrumentati	0	Default Wf 0		Default Local Use Value	\$719,579.18	\$0.00	\$0.00	\$0.00	\$719,579.18
500	089-X-022	2016	25400	Operation	KC000000	C002853	2924242	KC0403020, Center for Functional Nanomaterials (BNL)	0	Default Wf 0		Default Local Use Value	\$7,853,607.86	\$0.00	\$0.00	\$0.00	\$7,853,607.86
500	089-X-022	2012	25400	Operation	KA000000	C002852	2924034	KA1502021, Advanced Technology Research, Accelerat	0	Default Wf 0		Default Local Use Value	\$3,459.35	\$0.00	\$0.00	\$0.00	\$3,459.35
500	089-X-022	2016	31003	Other Equi	KB000000	C001009	2923737	KB0202012, Heavy Ion, RHIC Experimental Support	0	Default Wf 485396	CHEQU		\$1,086,299.63	\$0.00	\$0.00	\$0.00	\$1,086,299.63
500	089-X-022	2016	25400	Operation	FS100000	C000984	2923653	FS1002000, Security Systems	0	Default Wf 0		Default Local Use Value	\$631,209.37	\$0.00	\$0.00	\$0.00	\$631,209.37
500	089-X-022	2016	25400	Operation	KL000000	C001021	2924407	KL1002000, Community College Internship Program	0	Default Wf 0		Default Local Use Value	\$139,000.95	\$0.00	\$0.00	\$0.00	\$139,000.95
500	089-X-022	2016	25400	Operation	KC000000	C002853	2924305	KC0406020, Accelerator and Detector Research	0	Default Wf 0		Default Local Use Value	\$514,401.99	\$0.00	\$0.00	\$0.00	\$514,401.99
500	089-X-022	2017	25400	Operation	KA000000	C002852	2924355	KA2401012, National Laboratories	0	Default Wf 0		Default Local Use Value	\$0.00	\$3,600,000.00	\$0.00	\$3,600,000.00	\$3,600,000.00
500	089-X-022	2017	25400	Operation	KL000000	C001021	2924406	KL1001000, Science Undergraduate Laboratory Interns	0	Default Wf 0		Default Local Use Value	\$0.00	\$1,386,000.00	\$0.00	\$1,386,000.00	\$1,386,000.00
500	089-X-022	2017	25400	Operation	KC000000	C002853	2924305	KC0406020, Accelerator and Detector Research	0	Default Wf 0		Default Local Use Value	\$0.00	\$518,000.00	\$0.00	\$518,000.00	\$518,000.00
500	089-X-022	2014	25400	Operation	KC000000	C002853	2924233	KC0401040, National Synchrotron Light Source II (BNL)	0	Default Wf 0		Default Local Use Value	\$0.00	\$708,710.64	\$0.00	\$708,710.64	\$708,710.64
500	089-X-022	2017	25400	Operation	KB000000	C001009	2923752	KB0301052, Theory, SciDAC, National Laboratory Resear	0	Default Wf 0		Default Local Use Value	\$0.00	\$369,000.00	\$0.00	\$369,000.00	\$369,000.00
500	089-X-022	2017	25400	Operation	KP000000	C001024	2924200	KP1601010, Foundational Genomics Research	0	Default Wf 0		Default Local Use Value	\$0.00	\$918,000.00	\$1,207,100.00	\$2,125,100.00	\$2,125,100.00
500	089-X-022	2017	32001	Constructi	39KA0000	C002786	2924263	39KA00000PRN11SC40000, Long Baseline Neutrino Expe	0	Default Wf 0		Default Local Use Value	\$0.00	\$8,950,000.00	\$0.00	\$8,950,000.00	\$8,950,000.00
500	089-X-022	2017	25400	Operation	KB000000	C001009	2924156	KB0201052, Heavy Ion Accelerator R&D Natl Lab Resear	0	Default Wf 0		Default Local Use Value	\$0.00	\$782,000.00	\$130,000.00	\$912,000.00	\$912,000.00
500	089-X-022	2017	25400	Operation	KA000000	C002852	2924363	KA2403013, Other Projects	0	Default Wf 0		Default Local Use Value	\$0.00	\$380,000.00	\$0.00	\$380,000.00	\$380,000.00
500	089-X-022	2017	25400	Operation	KP000000	C001024	2924203	KP1601040, Computational Biosciences	0	Default Wf 0		Default Local Use Value	\$0.00	\$432,000.00	\$60,000.00	\$492,000.00	\$492,000.00
510	089-X-022	2014	25400	Operation	4.56E+08	C003005	6600199	456165021, Cooperative Research And Development Ag	4860866	CHAGR872	0	Default Local Use Value	\$7,384.70	-\$7,384.70	\$0.00	-\$7,384.70	\$0.00
510	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600199	456165021, Cooperative Research And Development Ag	4860983	CHAGR840	0	Default Local Use Value	\$7,979.17	-\$146.16	\$0.00	-\$146.16	\$7,833.01
510	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600199	456165021, Cooperative Research And Development Ag	4860934	CHAGR873	0	Default Local Use Value	\$0.00	\$20,000.00	\$0.00	\$20,000.00	\$20,000.00
510	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600199	456165021, Cooperative Research And Development Ag	4861036	CHAGR840	0	Default Local Use Value	\$0.00	\$97,087.38	\$0.00	\$97,087.38	\$97,087.38
510	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600199	456165021, Cooperative Research And Development Ag	4860926	CHAGR872	0	Default Local Use Value	\$34,951.46	\$0.00	-\$34,951.46	-\$34,951.46	\$0.00
510	089-X-022	2015	25400	Operation	4.56E+08	C003005	6600199	456165021, Cooperative Research And Development Ag	4860797	CHAGR871	0	Default Local Use Value	\$6,782.16	-\$397.65	\$0.00	-\$397.65	\$6,384.51
510	089-X-022	2015	25400	Operation	4.56E+08	C003005	6600199	456165021, Cooperative Research And Development Ag	4860839	CHAGR872	0	Default Local Use Value	\$223.96	-\$222.26	\$0.00	-\$222.26	\$1.70



Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
510	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600199	456165021, Cooperative Research And Development A	4860747	CHAGR871 0		Default Local Use Value	\$90,913.13	\$0.00	\$0.00	\$0.00	\$90,913.13
510	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600199	456165021, Cooperative Research And Development A	4861004	CHAGR841 0		Default Local Use Value	\$0.00	\$92,233.01	\$0.00	\$92,233.01	\$92,233.01
510	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600199	456165021, Cooperative Research And Development A	4860747	CHAGR871 0		Default Local Use Value	\$0.00	\$287,940.79	\$0.00	\$287,940.79	\$287,940.79
510	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600199	456165021, Cooperative Research And Development A	4861014	CHAGR840 0		Default Local Use Value	\$75,000.00	\$0.00	\$0.00	\$0.00	\$75,000.00
510	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600199	456165021, Cooperative Research And Development A	4860958	CHAGR873 0		Default Local Use Value	\$0.08	-\$0.08	\$0.00	-\$0.08	\$0.00
510	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600199	456165021, Cooperative Research And Development A	4860934	CHAGR873 0		Default Local Use Value	\$211,230.10	\$0.00	\$0.00	\$0.00	\$211,230.10
510	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600199	456165021, Cooperative Research And Development A	4861014	CHAGR840 0		Default Local Use Value	\$0.00	\$10,887.77	\$46,156.82	\$57,044.59	\$57,044.59
510	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600199	456165021, Cooperative Research And Development A	4860892	CHAGR872 0		Default Local Use Value	\$127,652.31	-\$173.18	\$0.00	-\$173.18	\$127,479.13
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860976	CHAGR873 0		Default Local Use Value	\$3,072.52	-\$3,072.52	\$0.00	-\$3,072.52	\$0.00
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860686	CHAGR878 0		Default Local Use Value	\$20,689.98	\$0.00	\$0.00	\$0.00	\$20,689.98
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860854	CHAGR872 0		Default Local Use Value	\$3,348.85	-\$97.46	\$0.00	-\$97.46	\$3,251.39
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4860813	CHAGR872 0		Default Local Use Value	\$18,066.55	\$0.00	\$0.00	\$0.00	\$18,066.55
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860577	CHAGR870 0		Default Local Use Value	\$2,163.30	-\$10,000.00	\$0.00	-\$10,000.00	-\$7,836.70
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860986	CHAGR840 0		Default Local Use Value	\$120.20	\$0.00	\$0.00	\$0.00	\$120.20
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4801577	CHAGR873 0		Default Local Use Value	\$1,904.38	\$0.00	\$0.00	\$0.00	\$1,904.38
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860943	CHAGR873 0		Default Local Use Value	\$375,478.83	\$0.00	\$0.00	\$0.00	\$375,478.83
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860990	CHAGR840 0		Default Local Use Value	\$104,046.13	-\$70,594.98	\$0.00	-\$70,594.98	\$33,451.15
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861023	CHAGR840 0		Default Local Use Value	\$0.00	\$136,730.71	\$39,838.92	\$176,569.63	\$176,569.63
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4860978	CHAGR873 0		Default Local Use Value	\$0.00	\$82,759.57	-\$18,446.60	\$64,312.97	\$64,312.97
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861019	CHAGR840 0		Default Local Use Value	\$0.00	\$5,304.23	\$0.00	\$5,304.23	\$5,304.23
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860936	CHAGR872 0		Default Local Use Value	\$0.00	\$17,555.57	\$907.80	\$18,463.37	\$18,463.37
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860880	CHAGR872 0		Default Local Use Value	\$3,397.00	\$0.00	\$0.00	\$0.00	\$3,397.00
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4861001	CHAGR841 0		Default Local Use Value	\$26,257.02	\$0.00	\$0.00	\$0.00	\$26,257.02
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860946	CHAGR873 0		Default Local Use Value	\$70,958.66	\$0.00	\$0.00	\$0.00	\$70,958.66
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4860984	CHAGR840 0		Default Local Use Value	\$2,632.19	\$0.00	\$0.00	\$0.00	\$2,632.19
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861044	CHAGR841 0		Default Local Use Value	\$0.00	\$27,609.32	\$0.00	\$27,609.32	\$27,609.32
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861016	CHAGR840 0		Default Local Use Value	\$0.00	\$28,112.30	\$0.00	\$28,112.30	\$28,112.30
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861030	CHAGR840 0		Default Local Use Value	\$0.00	\$20,700.44	\$344.55	\$21,044.99	\$21,044.99
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861029	CHAGR840 0		Default Local Use Value	\$0.00	\$31,500.00	\$0.00	\$31,500.00	\$31,500.00
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860971	CHAGR873 0		Default Local Use Value	\$0.00	\$206,136.69	\$0.00	\$206,136.69	\$206,136.69
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861050	CHAGR841 0		Default Local Use Value	\$0.00	\$0.00	\$44,174.91	\$44,174.91	\$44,174.91
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861031	CHAGR840 0		Default Local Use Value	\$0.00	\$0.00	\$20,000.00	\$20,000.00	\$20,000.00
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861047	CHAGR841 0		Default Local Use Value	\$0.00	\$0.00	\$6,074.05	\$6,074.05	\$6,074.05
511	089-X-022	2014	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860840	CHAGR872 0		Default Local Use Value	\$9,492.10	\$0.00	\$0.00	\$0.00	\$9,492.10
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860949	CHAGR873 0		Default Local Use Value	\$71,848.46	-\$26,593.12	\$0.00	-\$26,593.12	\$45,255.34
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860999	CHAGR841 0		Default Local Use Value	\$39,948.28	-\$39.38	\$0.00	-\$39.38	\$39,908.90
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4860800	CHAGR871 0		Default Local Use Value	\$15,420.15	\$0.00	\$0.00	\$0.00	\$15,420.15
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860928	CHAGR873 0		Default Local Use Value	\$908.26	\$0.00	\$0.00	\$0.00	\$908.26
511	089-X-022	2014	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860871	CHAGR872 0		Default Local Use Value	\$238,428.09	\$0.00	\$0.00	\$0.00	\$238,428.09
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860977	CHAGR873 0		Default Local Use Value	\$0.00	\$126,823.31	\$0.00	\$126,823.31	\$126,823.31
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860943	CHAGR873 0		Default Local Use Value	\$0.00	\$32,719.36	\$0.00	\$32,719.36	\$32,719.36
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4861001	CHAGR841 0		Default Local Use Value	\$0.00	\$31,491.26	\$0.00	\$31,491.26	\$31,491.26
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4860800	CHAGR871 0		Default Local Use Value	\$0.00	\$75,728.16	\$0.00	\$75,728.16	\$75,728.16
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861033	CHAGR840 0		Default Local Use Value	\$0.00	\$30,000.00	\$0.00	\$30,000.00	\$30,000.00
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861053	CHAGR842 0		Default Local Use Value	\$0.00	\$0.00	\$25,000.00	\$25,000.00	\$25,000.00
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860944	CHAGR873 0		Default Local Use Value	\$8,509.56	-\$3,272.80	\$0.00	-\$3,272.80	\$5,236.76
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860831	CHAGR872 0		Default Local Use Value	\$20,850.43	\$0.00	\$0.00	\$0.00	\$20,850.43
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860998	CHAGR840 0		Default Local Use Value	\$15,000.00	-\$367.62	\$0.00	-\$367.62	\$14,632.38
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860868	CHAGR872 0		Default Local Use Value	\$3,753.21	-\$3,753.21	\$0.00	-\$3,753.21	\$0.00
511	089-X-022	2015	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860880	CHAGR872 0		Default Local Use Value	\$11,542.04	-\$3,346.80	\$0.00	-\$3,346.80	\$8,195.24
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860972	CHAGR873 0		Default Local Use Value	\$20,444.14	-\$14,769.43	\$0.00	-\$14,769.43	\$5,674.71
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860985	CHAGR840 0		Default Local Use Value	\$2,473.53	-\$2,473.53	\$0.00	-\$2,473.53	\$0.00
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860987	CHAGR840 0		Default Local Use Value	\$51,066.81	-\$50,006.48	\$0.00	-\$50,006.48	\$1,060.33
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4860956	CHAGR873 0		Default Local Use Value	\$6,176.33	-\$6,176.33	\$0.00	-\$6,176.33	\$0.00
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861045	CHAGR840 0		Default Local Use Value	\$0.00	\$11,044.00	\$0.00	\$11,044.00	\$11,044.00
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4861040	CHAGR841 0		Default Local Use Value	\$0.00	\$43,689.32	\$21,844.66	\$65,533.98	\$65,533.98

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861034	CHAGR840		Default Local Use Value	\$0.00	\$66,262.37	\$0.00	\$66,262.37	\$66,262.37
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861017	CHAGR841		Default Local Use Value	\$0.00	\$8,000.00	\$0.00	\$8,000.00	\$8,000.00
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860748	CHAGR871		Default Local Use Value	\$60,105.55	\$0.00	\$0.00	\$0.00	\$60,105.55
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860936	CHAGR872		Default Local Use Value	\$6,865.03	\$0.00	\$0.00	\$0.00	\$6,865.03
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4860988	CHAGR840		Default Local Use Value	\$4.30	-\$4.30	\$0.00	-\$4.30	\$0.00
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860931	CHAGR872		Default Local Use Value	\$2,111.25	\$0.00	\$0.00	\$0.00	\$2,111.25
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860963	CHAGR873		Default Local Use Value	\$548.42	-\$548.42	\$0.00	-\$548.42	\$0.00
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860971	CHAGR873		Default Local Use Value	\$46,830.12	\$0.00	\$0.00	\$0.00	\$46,830.12
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4860978	CHAGR873		Default Local Use Value	\$2,812.51	\$0.00	\$0.00	\$0.00	\$2,812.51
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4861000	CHAGR840		Default Local Use Value	\$2,475.82	-\$14.01	\$0.00	-\$14.01	\$2,461.81
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4860908	CHAGR872		Default Local Use Value	\$1,845.92	-\$55.50	\$0.00	-\$55.50	\$1,790.42
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861042	CHAGR840		Default Local Use Value	\$0.00	\$8,800.00	\$0.00	\$8,800.00	\$8,800.00
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861027	CHAGR840		Default Local Use Value	\$0.00	\$22,087.45	\$0.00	\$22,087.45	\$22,087.45
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4861032	CHAGR841		Default Local Use Value	\$0.00	\$87,378.64	\$23,926.67	\$111,305.31	\$111,305.31
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4801577	CHAGR871		Default Local Use Value	\$0.00	\$45,631.06	\$17,475.73	\$63,106.79	\$63,106.79
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860986	CHAGR840		Default Local Use Value	\$0.00	\$44,298.20	\$0.00	\$44,298.20	\$44,298.20
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860982	CHAGR840		Default Local Use Value	\$0.00	\$180,472.00	\$0.00	\$180,472.00	\$180,472.00
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861026	CHAGR840		Default Local Use Value	\$0.00	\$115,000.00	\$0.00	\$115,000.00	\$115,000.00
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4860919	CHAGR873		Default Local Use Value	\$35,369.90	-\$14.52	\$0.00	-\$14.52	\$35,355.38
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860811	CHAGR872		Default Local Use Value	\$3,496.65	-\$3,496.65	\$0.00	-\$3,496.65	\$0.00
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860929	CHAGR872		Default Local Use Value	\$2,034.98	-\$121.46	\$0.00	-\$121.46	\$1,913.52
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860878	CHAGR872		Default Local Use Value	\$24,660.64	-\$24,660.64	\$0.00	-\$24,660.64	\$0.00
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860922	CHAGR872		Default Local Use Value	\$40,366.79	-\$40,358.77	\$0.00	-\$40,358.77	\$8.02
511	089-X-022	2015	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860857	CHAGR872		Default Local Use Value	\$1,701.35	-\$1,701.35	\$0.00	-\$1,701.35	\$0.00
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860893	CHAGR873		Default Local Use Value	\$7,832.17	-\$1,533.21	\$0.00	-\$1,533.21	\$6,298.96
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860916	CHAGR872		Default Local Use Value	\$3,767.67	\$0.00	\$0.00	\$0.00	\$3,767.67
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860946	CHAGR873		Default Local Use Value	\$0.00	\$176,049.14	\$0.00	\$176,049.14	\$176,049.14
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860969	CHAGR873		Default Local Use Value	\$0.00	\$78,731.72	\$0.00	\$78,731.72	\$78,731.72
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861028	CHAGR841		Default Local Use Value	\$0.00	\$11,407.77	\$0.00	\$11,407.77	\$11,407.77
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4860813	CHAGR872		Default Local Use Value	\$0.00	\$195,875.73	\$0.00	\$195,875.73	\$195,875.73
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4861015	CHAGR840		Default Local Use Value	\$0.00	\$2,217,330.10	\$0.00	\$2,217,330.10	\$2,217,330.10
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861003	CHAGR840		Default Local Use Value	\$0.00	\$174,262.88	\$0.00	\$174,262.88	\$174,262.88
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860916	CHAGR872		Default Local Use Value	\$0.00	\$59,993.22	\$0.00	\$59,993.22	\$59,993.22
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861020	CHAGR840		Default Local Use Value	\$0.00	\$242,103.30	\$11,862.80	\$253,966.10	\$253,966.10
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860989	CHAGR840		Default Local Use Value	\$0.00	\$20,000.00	\$0.00	\$20,000.00	\$20,000.00
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861018	CHAGR840		Default Local Use Value	\$0.00	\$14,321.38	\$0.00	\$14,321.38	\$14,321.38
511	089-X-022	2015	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860883	CHAGR872		Default Local Use Value	\$1,002.84	-\$1,002.84	\$0.00	-\$1,002.84	\$0.00
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860935	CHAGR872		Default Local Use Value	\$0.04	-\$0.04	\$0.00	-\$0.04	\$0.00
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4860975	CHAGR873		Default Local Use Value	\$40,638.41	\$0.00	\$0.00	\$0.00	\$40,638.41
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860883	CHAGR872		Default Local Use Value	\$327.03	-\$327.03	\$0.00	-\$327.03	\$0.00
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860969	CHAGR873		Default Local Use Value	\$42,584.48	\$0.00	\$0.00	\$0.00	\$42,584.48
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860871	CHAGR872		Default Local Use Value	\$13,578.50	\$0.00	\$0.00	\$0.00	\$13,578.50
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861003	CHAGR840		Default Local Use Value	\$83,388.97	\$0.00	\$0.00	\$0.00	\$83,388.97
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4860924	CHAGR874		Default Local Use Value	\$814.13	-\$1,283.28	\$0.00	-\$1,283.28	-\$469.15
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4860984	CHAGR840		Default Local Use Value	\$0.00	\$74,314.20	\$0.00	\$74,314.20	\$74,314.20
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861021	CHAGR840		Default Local Use Value	\$0.00	\$35,175.67	\$435.20	\$35,610.87	\$35,610.87
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860748	CHAGR871		Default Local Use Value	\$0.00	\$34,468.16	\$0.00	\$34,468.16	\$34,468.16
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860928	CHAGR873		Default Local Use Value	\$0.00	\$115,742.00	\$0.00	\$115,742.00	\$115,742.00
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861043	CHAGR841		Default Local Use Value	\$0.00	\$110,437.28	\$0.00	\$110,437.28	\$110,437.28
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861052	CHAGR841		Default Local Use Value	\$0.00	\$3,000,000.00	\$0.00	\$3,000,000.00	\$3,000,000.00
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860977	CHAGR873		Default Local Use Value	\$11,474.22	\$0.00	\$0.00	\$0.00	\$11,474.22
511	089-X-022	2015	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860868	CHAGR872		Default Local Use Value	\$14,199.38	-\$14,199.37	\$0.00	-\$14,199.37	\$0.01
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860731	CHAGR873		Default Local Use Value	\$70,279.39	-\$70,279.39	\$0.00	-\$70,279.39	\$0.00
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860981	CHAGR873		Default Local Use Value	\$0.02	-\$0.02	\$0.00	-\$0.02	\$0.00
511	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4860874	CHAGR872		Default Local Use Value	\$113,277.89	\$0.00	-\$27,441.42	-\$27,441.42	\$85,836.47
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861022	CHAGR841		Default Local Use Value	\$0.00	\$7,716,019.08	\$1,462,439.25	\$9,178,458.33	\$9,178,458.33

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861009	CHAGR841 0		Default Local Use Value	\$0.00	\$13,508.03	\$3,612.85	\$17,120.88	\$17,120.88
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4860975	CHAGR873 0		Default Local Use Value	\$0.00	\$32,885.24	\$7,737.27	\$40,622.51	\$40,622.51
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860949	CHAGR873 0		Default Local Use Value	\$0.00	\$103,987.74	\$0.00	\$103,987.74	\$103,987.74
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600147	456160032, Industry - Foreign	4860874	CHAGR872 0		Default Local Use Value	\$0.00	\$74,087.69	-\$30,811.01	\$43,276.68	\$43,276.68
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861056	CHAGR840 0		Default Local Use Value	\$0.00	\$0.00	\$29,126.21	\$29,126.21	\$29,126.21
511	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4861046	CHAGR841 0		Default Local Use Value	\$0.00	\$0.00	\$11,250.00	\$11,250.00	\$11,250.00
517	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600207	456167SC0, Office of Science (SC)	4860826	CHAGR872 0		Default Local Use Value	\$23,465.53	\$0.00	\$0.00	\$0.00	\$23,465.53
517	089-X-022	2015	25400	Operation	4.56E+08	C003005	6600207	456167SC0, Office of Science (SC)	4860823	CHAGR872 0		Default Local Use Value	\$53,343.14	\$0.00	\$0.00	\$0.00	\$53,343.14
517	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600207	456167SC0, Office of Science (SC)	4860834	CHAGR872 0		Default Local Use Value	\$0.00	\$50,000.00	\$0.00	\$50,000.00	\$50,000.00
517	089-X-022	2017	25400	Operation	4.56E+08	C003005	6600207	456167SC0, Office of Science (SC)	4861010	CHAGR873 0		Default Local Use Value	\$0.00	\$1,699,029.13	\$0.00	\$1,699,029.13	\$1,699,029.13
517	089-X-022	2016	25400	Operation	4.56E+08	C003005	6600207	456167SC0, Office of Science (SC)	4860834	CHAGR872 0		Default Local Use Value	\$200,083.97	\$0.00	\$0.00	\$0.00	\$200,083.97
679	089-15/16	2015	25400	Operation	WA220000	C001104	2822390	WA2230100, Other Related Expenses - Contractual Serv		Default Wf 302064		Climate REDI / CEM FY15 632(a)	\$40,000.00	\$0.00	\$0.00	\$0.00	\$40,000.00
681	089-14/15	2014	25400	Operation	WA220000	C001104	2822390	WA2230100, Other Related Expenses - Contractual Serv		Default Wf 0		Default Local Use Value	\$54,145.26	\$0.00	\$0.00	\$0.00	\$54,145.26
692	089-14/15	2014	25400	Operation	WN000000	C001118	1721222	WN0219060, State and Local Governments and Non-Pr	4860825	CHAGR872 0		Default Local Use Value	\$17,728.79	\$0.00	\$0.00	\$0.00	\$17,728.79
900	089-X-024	2015	25400	Operation	DP400000	C000925	2221791	DP4015042 - Direct Response Program	0	Default Wf 0		Default Local Use Value	\$256.73	\$0.00	\$0.00	\$0.00	\$256.73
900	089-X-024	2015	25400	Operation	DP400000	C000925	2221792	DP4015043 - Exercise Program	0	Default Wf 0		Default Local Use Value	\$1,659.63	\$0.00	\$0.00	\$0.00	\$1,659.63
900	089-X-024	2014	25400	Operation	DP120400	C000912	2220743	DP1204010, Secondary Assessment Technologies	0	Default Wf 0		Default Local Use Value	\$2,310.04	\$0.00	\$0.00	\$0.00	\$2,310.04
900	089-X-024	2014	25400	Operation	DP400000	C000925	2222480	DP4011093, Nuclear Counterterrorism	0	Default Wf 0		Default Local Use Value	\$2,057.91	\$0.00	\$0.00	\$0.00	\$2,057.91
900	089-X-024	2015	25400	Operation	DP400000	C000925	2221775	DP4015011 - Radiological Assistance Program	0	Default Wf 0		Default Local Use Value	\$0.01	\$0.00	\$0.00	\$0.00	\$0.01
900	089-X-024	2017	25400	Operation	DP090900	C002955	2223112	DP0909010, Nuclear Criticality Safety Program	0	Default Wf 0		Default Local Use Value	\$0.00	\$216,000.00	\$0.00	\$216,000.00	\$216,000.00
900	089-X-024	2016	25400	Operation	DP090900	C002955	2223112	DP0909010, Nuclear Criticality Safety Program	0	Default Wf 0		Default Local Use Value	\$28,101.77	\$0.00	\$0.00	\$0.00	\$28,101.77
900	089-X-024	2015	25400	Operation	DP800000	C002982	2222989	DP8000000, Counterterrorism and Counterproliferation	0	Default Wf 0		Default Local Use Value	\$50,000.00	\$0.00	\$0.00	\$0.00	\$50,000.00
1050	089-X-024	2017	25400	Operation	HQ000000	C002425	3184701	HQ1001000, Worker Advocacy	0	Default Wf 0		Default Local Use Value	\$0.00	\$35,000.00	\$0.00	\$35,000.00	\$35,000.00
1050	089-X-024	2015	25400	Operation	HQ000000	C002425	3184701	HQ1001000, Worker Advocacy	0	Default Wf 0		Default Local Use Value	\$13,885.65	\$0.00	\$0.00	\$0.00	\$13,885.65
1060	089-X-024	2017	25400	Operation	GD600000	C002970	3203769	GD6020900, Office of The SCIO	0	Default Wf 0		Default Local Use Value	\$0.00	\$706,772.00	\$0.00	\$706,772.00	\$706,772.00
1060	089-X-024	2017	25400	Operation	GD600000	C002970	3203779	GD6050100, CYBER & OPERATIONS	0	Default Wf 0		Default Local Use Value	\$0.00	\$300,000.00	\$0.00	\$300,000.00	\$300,000.00
1060	089-X-024	2017	25400	Operation	GD600000	C002970	3203764	GD6020400, CI Training	0	Default Wf 0		Default Local Use Value	\$0.00	\$25,765.00	\$0.00	\$25,765.00	\$25,765.00
1060	089-X-024	2017	25400	Operation	GD600000	C002970	3203761	GD6020100, Analysis	0	Default Wf 0		Default Local Use Value	\$0.00	\$319,585.00	\$0.00	\$319,585.00	\$319,585.00
1060	089-X-024	2017	25400	Operation	GD600000	C002970	3203780	GD6050200, Technical Services	0	Default Wf 0		Default Local Use Value	\$0.00	\$319,364.00	\$0.00	\$319,364.00	\$319,364.00
1060	089-X-024	2016	25400	Operation	GD600000	C002970	3203779	GD6050100, CYBER & OPERATIONS	0	Default Wf 0		Default Local Use Value	\$31,971.53	\$0.00	\$0.00	\$0.00	\$31,971.53
1060	089-X-024	2016	25400	Operation	GD600000	C002970	3203761	GD6020100, Analysis	0	Default Wf 0		Default Local Use Value	\$95,177.67	\$0.00	\$0.00	\$0.00	\$95,177.67
1060	089-X-024	2017	25400	Operation	GD600000	C002970	3203763	GD6020300, Investigations	0	Default Wf 0		Default Local Use Value	\$0.00	\$1,376,130.00	\$0.00	\$1,376,130.00	\$1,376,130.00
1060	089-X-024	2016	25400	Operation	GD600000	C002970	3203764	GD6020400, CI Training	0	Default Wf 0		Default Local Use Value	\$27,779.43	\$0.00	\$0.00	\$0.00	\$27,779.43
1060	089-X-024	2016	25400	Operation	GD600000	C002970	3203769	GD6020900, Office of The SCIO	0	Default Wf 0		Default Local Use Value	\$284,128.50	\$0.00	\$0.00	\$0.00	\$284,128.50
1060	089-X-024	2016	25400	Operation	GD600000	C002970	3203763	GD6020300, Investigations	0	Default Wf 0		Default Local Use Value	\$620,975.87	\$0.00	\$0.00	\$0.00	\$620,975.87
1060	089-X-024	2015	25400	Operation	GD250000	C002546	3203755	GD2540250, CI Training	0	Default Wf 0		Default Local Use Value	\$38,022.43	\$0.00	\$0.00	\$0.00	\$38,022.43
1079	089-16/17	2016	25400	Operation	CS000000	C000892	1713352	CS7000000, Integrated Joint Cybersecurity Coordinati	0	Default Wf 0		Default Local Use Value	\$173,407.96	\$0.00	\$0.00	\$0.00	\$173,407.96
1551	089-X-030	2014	25400	Operation	NN500000	C001058	2222878	NN5070010, U.S. Costs for Russia/Newly Independent S	0	Default Wf 0		Default Local Use Value	\$12,375.31	-\$13,524.04	\$0.00	-\$13,524.04	-\$1,148.73
1551	089-X-030	2013	25400	Operation	NN500000	C001058	2221234	NN5002010, U.S. Costs for Russia/Newly Independent S	0	Default Wf 0		Default Local Use Value	\$109,686.53	-\$17,803.25	\$0.00	-\$17,803.25	\$91,883.28
1551	089-X-030	2016	25400	Operation	CT000000	C003007	2223025	CT8405010, Technology Integration (TI)	0	Default Wf 0		Default Local Use Value	\$4,200.90	-\$2,702.38	\$0.00	-\$2,702.38	\$1,498.52
1551	089-X-030	2015	25400	Operation	NN500000	C001058	2221235	NN5002020, In-Country Costs for Russia/Newly Indepe	0	Default Wf 0		Default Local Use Value	\$612,798.16	\$685,270.00	\$0.00	\$685,270.00	\$1,298,068.16
1551	089-X-030	2016	25400	Operation	DN400000	C003042	2223101	DN4003010, Warhead Dismantlement and Fissile Mater	0	Default Wf 0		Default Local Use Value	\$18,664.46	\$0.00	\$0.00	\$0.00	\$18,664.46
1551	089-X-030	2014	25400	Operation	NN400000	C001056	2222722	NN4010021, US Costs for Russia/Newly Independent St	0	Default Wf 0		Default Local Use Value	\$5,882.97	\$0.00	\$0.00	\$0.00	\$5,882.97
1551	089-X-030	2015	25400	Operation	NN500000	C001058	2222810	NN5002040, US Costs for Non Russia/Non-Newly Indepe	0	Default Wf 0		Default Local Use Value	\$80,517.16	\$0.00	\$0.00	\$0.00	\$80,517.16
1551	089-X-030	2014	25400	Operation	NN500000	C001058	2221249	NN5006010, U.S. Costs for Russia/Newly Independent S	0	Default Wf 0		Default Local Use Value	\$4.97	-\$4.97	\$0.00	-\$4.97	\$0.00
1551	089-X-030	2016	25400	Operation	CT000000	C003007	2223020	CT8401000, Radiological Assistance Program (RAP)	0	Default Wf 0		Default Local Use Value	\$75,498.15	\$0.00	\$0.00	\$0.00	\$75,498.15
1551	089-X-030	2017	25400	Operation	DN300100	C003039	2223080	DN3001020, Molybdenum-99 (Mo-99)	0	Default Wf 0		Default Local Use Value	\$0.00	\$30,000.00	\$0.00	\$30,000.00	\$30,000.00
1551	089-X-030	2017	25400	Operation	DN200000	C003038	2223154	DN2006000, USHPRR	0	Default Wf 0		Default Local Use Value	\$0.00	\$736,400.00	\$0.00	\$736,400.00	\$736,400.00
1551	089-X-030	2017	25400	Operation	CT000000	C003007	2223014	CT8101000, Nuclear Incident Policy and Cooperation	0	Default Wf 0		Default Local Use Value	\$0.00	\$369,000.00	\$0.00	\$369,000.00	\$369,000.00
1551	089-X-030	2015	25400	Operation	NN400000	C001056	2222718	NN4009020, DO NOT USE!!! Safeguards Engagement	0	Default Wf 0		Default Local Use Value	\$115,983.55	\$0.00	\$0.00	\$0.00	\$115,983.55
1551	089-X-030	2015	25400	Operation	NN910000	C002938	2222883	NN9100000, Highly Enriched Uranium (HEU) Reactor Co	0	Default Wf 0		Default Local Use Value	\$4,283.61	\$0.00	\$0.00	\$0.00	\$4,283.61
1551	089-X-030	2015	25400	Operation	NN400000	C001056	2222727	NN4011010, Warhead Dismantlement and Fissile Mater	0	Default Wf 0		Default Local Use Value	\$0.03	-\$0.03	\$0.00	-\$0.03	\$0.00
1551	089-X-030	2014	25400	Operation	NN930000	C002936	2222890	NN9301000, Domestic Nuclear and Radiological Mater	0	Default Wf 0		Default Local Use Value	\$5,557.99	\$0.00	\$0.00	\$0.00	\$5,557.99
1551	089-X-030	2016	25400	Operation	DN400000	C003042	2223102	DN4003020, Nuclear Noncompliance Verification	0	Default Wf 0		Default Local Use Value	\$119,435.40	\$0.00	\$0.00	\$0.00	\$119,435.40
1551	089-X-030	2016	25400	Operation	DN100100	C003034	2223049	DN1001011, U.S. Costs for Russia/Newly Independent S	0	Default Wf 0		Default Local Use Value	\$231,051.41	\$0.00	\$0.00	\$0.00	\$231,051.41
1551	089-X-030	2017	25400	Operation	CT000000	C003007	2223025	CT8405010, Technology Integration (TI)	0	Default Wf 0		Default Local Use Value	\$0.00	\$20,000.00	\$0.00	\$20,000.00	\$20,000.00

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
1551	089-X-030	2017	25400	Operation	CT000000C	C003007	2223020	CT8401000, Radiological Assistance Program (RAP)	0	Default Wf 0		Default Local Use Value	\$0.00	\$3,010,000.00	\$0.00	\$3,010,000.00	\$3,010,000.00
1551	089-X-030	2017	25400	Operation	DN100500C	C003088	2223152	DN1005010, Domestic Radiological Security	0	Default Wf 0		Default Local Use Value	\$0.00	\$26,625.14	\$13,374.86	\$40,000.00	\$40,000.00
1551	089-X-030	2017	25400	Operation	DN400000C	C003042	2223096	DN4001030, Safeguards Technology Development	0	Default Wf 0		Default Local Use Value	\$0.00	\$585,000.00	\$0.00	\$585,000.00	\$585,000.00
1551	089-X-030	2014	25400	Operation	NN500000C	C001058	2222881	NN5070040, US Costs for Non Russia/Non-Newly Indepe	0	Default Wf 0		Default Local Use Value	\$27,382.94	\$0.00	\$0.00	\$0.00	\$27,382.94
1551	089-X-030	2014	25400	Operation	NN500000C	C001058	2720208	NN500W000, M&O Contractor Employee Costs (at Heac	0	Default Wf 0		Default Local Use Value	\$51,312.90	-\$51,312.90	\$0.00	-\$51,312.90	\$0.00
1551	089-X-030	2015	25400	Operation	NN400000C	C001056	2222719	NN4009030, Safeguards Technology Development	0	Default Wf 0		Default Local Use Value	\$28,488.59	-\$18,567.31	\$0.00	-\$18,567.31	\$9,921.28
1551	089-X-030	2015	25400	Operation	NN500000C	C001058	2222878	NN5070010, U.S. Costs for Russia/Newly Independent S	0	Default Wf 0		Default Local Use Value	\$1,148.73	\$0.00	\$0.00	\$0.00	\$1,148.73
1551	089-X-030	2016	25400	Operation	DN400000C	C003042	2223095	DN4001020, Safeguards Engagement (INSEP)	0	Default Wf 0		Default Local Use Value	\$543,679.17	-\$2,196.00	\$0.00	-\$2,196.00	\$541,483.17
1551	089-X-030	2017	25400	Operation	DN400000C	C003042	2223102	DN4003020, Nuclear Noncompliance Verification	0	Default Wf 0		Default Local Use Value	\$0.00	\$536,000.00	\$0.00	\$536,000.00	\$536,000.00
1551	089-X-030	2015	25400	Operation	NN200000C	C001052	2221132	NN2001000, Nonproliferation Detection	0	Default Wf 0		Default Local Use Value	\$40,296.10	\$0.00	\$0.00	\$0.00	\$40,296.10
1551	089-X-030	2016	25400	Operation	CT000000C	C003007	2223014	CT8101000, Nuclear Incident Policy and Cooperation	0	Default Wf 0		Default Local Use Value	\$55,526.01	\$0.00	\$0.00	\$0.00	\$55,526.01
1551	089-X-030	2016	25400	Operation	DN100300C	C003036	2223063	DN1003011, U.S. Costs for Russia/Newly Independent S	0	Default Wf 0		Default Local Use Value	\$40,000.00	\$0.00	\$0.00	\$0.00	\$40,000.00
1551	089-X-030	2014	25400	Operation	NN500000C	C001058	2221231	NN5001010, U.S. Costs for Russia/Newly Independent S	0	Default Wf 0		Default Local Use Value	\$3,898.41	\$0.00	\$0.00	\$0.00	\$3,898.41
1551	089-X-030	2016	25400	Operation	CT000000C	C003007	2223023	CT8404010, Evaluation, Exercise, Readiness, and Respor	0	Default Wf 0		Default Local Use Value	\$101,821.47	\$0.00	\$0.00	\$0.00	\$101,821.47
1551	089-X-030	2013	25400	Operation	NN500000C	C001058	2222811	NN5003040, US Costs for Non Russia/Non-Newly Indepe	0	Default Wf 0		Default Local Use Value	\$2,868.79	\$0.00	\$0.00	\$0.00	\$2,868.79
1551	089-X-030	2016	25400	Operation	DN400000C	C003042	2223105	DN4004030, Multilateral Supplier Policy	0	Default Wf 0		Default Local Use Value	\$131,792.22	\$0.00	\$0.00	\$0.00	\$131,792.22
1551	089-X-030	2015	25400	Operation	NN400000C	C001056	2222732	NN4012030, Multilateral Supplier Policy	0	Default Wf 0		Default Local Use Value	\$3,279.15	-\$0.15	\$0.00	-\$0.15	\$3,279.00
1551	089-X-030	2017	25400	Operation	CT000000C	C003007	2223023	CT8404010, Evaluation, Exercise, Readiness, and Respor	0	Default Wf 0		Default Local Use Value	\$0.00	\$239,000.00	\$0.00	\$239,000.00	\$239,000.00
1551	089-X-030	2017	25400	Operation	DN400000C	C003042	2223106	DN4004040, Policy Studies and Support	0	Default Wf 0		Default Local Use Value	\$0.00	\$3,114.30	\$0.00	\$3,114.30	\$3,114.30
1551	089-X-030	2017	25400	Operation	DN400000C	C003042	2223094	DN4001010, Safeguards Policy	0	Default Wf 0		Default Local Use Value	\$0.00	\$1,246,168.88	\$0.00	\$1,246,168.88	\$1,246,168.88
1551	089-X-030	2015	25400	Operation	NN930000C	C002936	2222890	NN9301000, Domestic Nuclear and Radiological Materie	0	Default Wf 0		Default Local Use Value	\$50,000.00	\$0.00	\$0.00	\$0.00	\$50,000.00
1551	089-X-030	2016	25400	Operation	DN400000C	C003042	2223094	DN4001010, Safeguards Policy	0	Default Wf 0		Default Local Use Value	\$333,801.45	\$0.00	\$0.00	\$0.00	\$333,801.45
1551	089-X-030	2016	25400	Operation	DN400000C	C003042	2223103	DN4004010, Global Regimes	0	Default Wf 0		Default Local Use Value	\$134,656.26	\$0.00	\$0.00	\$0.00	\$134,656.26
1551	089-X-030	2015	25400	Operation	NN400000C	C001056	2222730	NN4012010, Global Regimes	0	Default Wf 0		Default Local Use Value	\$15,681.30	\$0.00	\$0.00	\$0.00	\$15,681.30
1551	089-X-030	2013	25400	Operation	NN500000C	C001058	2221240	NN5004010, U.S. Costs for Russia/Newly Independent S	0	Default Wf 0		Default Local Use Value	\$240,667.55	\$0.00	\$0.00	\$0.00	\$240,667.55
1551	089-X-030	2014	25400	Operation	NN500000C	C001058	2221235	NN5002020, In-Country Costs for Russia/Newly Indepe	0	Default Wf 0		Default Local Use Value	\$1,797,650.48	-\$666,770.00	\$0.00	-\$666,770.00	\$1,130,880.48
1551	089-X-030	2017	25400	Operation	DN300100C	C003039	2223079	DN3001010, Highly Enriched Uranium (HEU) Reactor Co	0	Default Wf 0		Default Local Use Value	\$0.00	\$24,909.00	\$0.00	\$24,909.00	\$24,909.00
1551	089-X-030	2015	25400	Operation	NN400000C	C001056	2222717	NN4009010, Safeguards Policy and Human Resources	0	Default Wf 0		Default Local Use Value	\$90,568.64	\$0.00	\$0.00	\$0.00	\$90,568.64
1551	089-X-030	2016	25400	Operation	DN300100C	C003039	2223079	DN3001010, Highly Enriched Uranium (HEU) Reactor Co	0	Default Wf 0		Default Local Use Value	\$130,977.11	\$0.00	\$0.00	\$0.00	\$130,977.11
1551	089-X-030	2014	25400	Operation	NN500000C	C001058	2221240	NN5004010, U.S. Costs for Russia/Newly Independent S	0	Default Wf 0		Default Local Use Value	\$118,720.00	-\$118,720.00	\$0.00	-\$118,720.00	\$0.00
1551	089-X-030	2015	25400	Operation	NN500000C	C001058	2221243	NN5005011, U.S. Costs for Russia/Newly Independent S	0	Default Wf 0		Default Local Use Value	\$234,731.14	\$0.00	\$0.00	\$0.00	\$234,731.14
1551	089-X-030	2015	25400	Operation	NN400000C	C001056	2222728	NN4011020, Nuclear Noncompliance Verification	0	Default Wf 0		Default Local Use Value	\$12,700.54	\$0.00	\$0.00	\$0.00	\$12,700.54
1551	089-X-030	2015	25400	Operation	NN500000C	C001058	2221240	NN5004010, U.S. Costs for Russia/Newly Independent S	0	Default Wf 0		Default Local Use Value	\$153,515.04	-\$120,000.00	\$0.00	-\$120,000.00	\$33,515.04
1551	089-X-030	2016	25400	Operation	DN100100C	C003034	2223053	DN1001021, U.S. Costs for Russia/Newly Independent S	0	Default Wf 0		Default Local Use Value	\$704,027.86	\$0.00	\$0.00	\$0.00	\$704,027.86
1551	089-X-030	2015	25400	Operation	NN400000C	C001056	2222733	NN4012040, Policy Studies and Support	0	Default Wf 0		Default Local Use Value	\$91,216.46	\$0.00	\$0.00	\$0.00	\$91,216.46
1551	089-X-030	2017	25400	Operation	DN100100C	C003034	2223049	DN1001011, U.S. Costs for Russia/Newly Independent S	0	Default Wf 0		Default Local Use Value	\$0.00	\$140,000.00	\$0.00	\$140,000.00	\$140,000.00
1551	089-X-030	2017	25400	Operation	DN400000C	C003042	2223095	DN4001020, Safeguards Engagement (INSEP)	0	Default Wf 0		Default Local Use Value	\$0.00	\$1,434,000.00	\$0.00	\$1,434,000.00	\$1,434,000.00
1551	089-X-030	2017	25400	Operation	DN200000C	C003038	2223076	DN2001000, Proliferation Detection	0	Default Wf 0		Default Local Use Value	\$0.00	\$2,380,000.00	\$0.00	\$2,380,000.00	\$2,380,000.00
1551	089-X-030	2014	25400	Operation	NN500000C	C001058	2221241	NN5004020, In-Country Costs for Russia/Newly Indepe	0	Default Wf 0		Default Local Use Value	\$303,914.10	-\$281,280.00	\$0.00	-\$281,280.00	\$22,634.10
1551	089-X-030	2016	25400	Operation	DN200000C	C003038	2223076	DN2001000, Proliferation Detection	0	Default Wf 0		Default Local Use Value	\$367,968.12	\$0.00	\$0.00	\$0.00	\$367,968.12
1551	089-X-030	2016	25400	Operation	DN400000C	C003042	2223096	DN4001030, Safeguards Technology Development	0	Default Wf 0		Default Local Use Value	\$24,431.56	\$0.00	\$0.00	\$0.00	\$24,431.56
1551	089-X-030	2013	25400	Operation	NN400000C	C001056	2222721	NN4010010, International Nonproliferation Export Cont	0	Default Wf 0		Default Local Use Value	\$7,926.55	\$0.00	\$0.00	\$0.00	\$7,926.55
1551	089-X-030	2015	25400	Operation	NN500000C	C001058	2221234	NN5002010, U.S. Costs for Russia/Newly Independent S	0	Default Wf 0		Default Local Use Value	\$1,170,606.82	-\$685,270.00	\$0.00	-\$685,270.00	\$485,336.82
1551	089-X-030	2015	25400	Operation	NN500000C	C001058	2222881	NN5070040, US Costs for Non Russia/Non-Newly Indepe	0	Default Wf 0		Default Local Use Value	\$15,000.00	\$0.00	\$0.00	\$0.00	\$15,000.00
1551	089-X-030	2015	25400	Operation	NN500000C	C001058	2221241	NN5004020, In-Country Costs for Russia/Newly Indepe	0	Default Wf 0		Default Local Use Value	\$29.25	\$0.00	\$0.00	\$0.00	\$29.25
1551	089-X-030	2017	25400	Operation	DN400000C	C003042	2223103	DN4004010, Global Regimes	0	Default Wf 0		Default Local Use Value	\$0.00	\$75,000.00	\$0.00	\$75,000.00	\$75,000.00
1551	089-X-030	2017	25400	Operation	DN100300C	C003036	2223063	DN1003011, U.S. Costs for Russia/Newly Independent S	0	Default Wf 0		Default Local Use Value	\$0.00	\$400,000.00	\$0.00	\$400,000.00	\$400,000.00
1557	089-X-030	2012	25400	Operation	NN500000C	C001058	2222290	NN5010000, International Contributions UK	0	Default Wf 0		Default Local Use Value	\$50,324.10	\$0.00	\$0.00	\$0.00	\$50,324.10
1650	089-X-031	2010	25400	Operation	PS000000C	C001075	2221514	PS0202132, Advisory and Assistance, Diversity Program:	0	Default Wf 0		Default Local Use Value	\$38,795.51	\$0.00	\$0.00	\$0.00	\$38,795.51
1689	089-14/15	2014	25400	Operation	PS000000C	C001075	2222565	PS0202200, A&A, Counterterrorism	0	Default Wf 0		Default Local Use Value	\$2,019.15	\$0.00	\$0.00	\$0.00	\$2,019.15
1751	089-X-031	2013	25400	Operation	EZ500000C	C002226	1110981	EZ5012300 - BRNL-0030 Soil and Water Remediation - B	0	Default Wf 0		Default Local Use Value	\$522,109.05	\$0.00	\$0.00	\$0.00	\$522,109.05
1751	089-X-031	2015	25400	Operation	EZ500000C	C002226	1110981	EZ5012300 - BRNL-0030 Soil and Water Remediation - B	0	Default Wf 0		Default Local Use Value	\$47.62	\$0.00	\$0.00	\$0.00	\$47.62
2300	089-X-418	2016	25400	Operation	ST000000C	C001087	2720715	ST5001030, Other National Lab Research	0	Default Wf 0		Default Local Use Value	\$220,833.12	\$185,000.00	\$0.00	\$185,000.00	\$405,833.12
2300	089-X-418	2016	25400	Operation	ST000000C	C001087	2924282	ST6001036, Technical Services	0	Default Wf 0		Default Local Use Value	\$20,289.84	\$0.00	\$0.00	\$0.00	\$20,289.84
2300	089-X-418	2015	32003	Accelerato	ST000000C	C001087	2924281	ST6001034, Facility Upgrades	0	Default Wf 485395	CHAIP		\$152,000.00	\$0.00	\$0.00	\$0.00	\$152,000.00
2300	089-X-418	2015	25400	Operation	ST000000C	C001087	2924306	ST6001031, Production	0	Default Wf 0		Default Local Use Value	\$0.00	\$190,243.59	\$0.00	\$190,243.59	\$190,243.59



Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
2300	089-X-418	2017	25400	Operation	ST0000000	C001087	2924424	ST5001040, Actinium-225 Technology Research and Int	0	Default Wf 0		Default Local Use Value	\$0.00	\$0.00	\$100,000.00	\$100,000.00	\$100,000.00
2300	089-X-418	2014	25400	Operation	ST0000000	C001087	2924306	ST6001031, Production	0	Default Wf 0		Default Local Use Value	\$0.00	\$212,749.03	\$0.00	\$212,749.03	\$212,749.03
2300	089-X-418	2016	25400	Operation	ST0000000	C001087	2720718	ST6001020, Brookhaven Linear Isotope Producer (BLIP)	0	Default Wf 0		Default Local Use Value	\$234,931.66	\$140,000.00	\$0.00	\$140,000.00	\$374,931.66
2300	089-X-418	2017	25400	Operation	ST0000000	C001087	2924306	ST6001031, Production	0	Default Wf 0		Default Local Use Value	\$0.00	\$2,060,000.00	\$100,000.00	\$2,160,000.00	\$2,160,000.00
2300	089-X-418	2016	25400	Operation	ST0000000	C001087	2924306	ST6001031, Production	0	Default Wf 0		Default Local Use Value	\$2,217,227.76	\$358,007.38	\$0.00	\$358,007.38	\$2,575,235.14
2300	089-X-418	2015	25400	Operation	ST0000000	C001087	2924281	ST6001034, Facility Upgrades	0	Default Wf 0		Default Local Use Value	\$49,875.62	\$0.00	\$0.00	\$0.00	\$49,875.62
2300	089-X-418	2015	25400	Operation	ST0000000	C001087	2720715	ST5001030, Other National Lab Research	0	Default Wf 0		Default Local Use Value	\$11,925.21	\$0.00	\$0.00	\$0.00	\$11,925.21
2300	089-X-418	2014	32003	Accelerato	ST0000000	C001087	2924281	ST6001034, Facility Upgrades	0	Default Wf 485395	CHAIP		\$378,714.95	\$0.00	\$0.00	\$0.00	\$378,714.95
2300	089-X-418	2016	25400	Operation	ST0000000	C001087	2924424	ST5001040, Actinium-225 Technology Research and Int	0	Default Wf 0		Default Local Use Value	\$0.00	\$100,000.00	\$0.00	\$100,000.00	\$100,000.00
2300	089-X-418	2016	25400	Operation	ST0000000	C001087	2924280	ST6001032, Hot Cell and Other National Lab Facilities	0	Default Wf 0		Default Local Use Value	\$1,427,585.71	\$614,636.14	\$0.00	\$614,636.14	\$2,042,221.85
2300	089-X-418	2017	25400	Operation	ST0000000	C001087	2720718	ST6001020, Brookhaven Linear Isotope Producer (BLIP)	0	Default Wf 0		Default Local Use Value	\$0.00	\$416,000.00	\$140,000.00	\$556,000.00	\$556,000.00
2300	089-X-418	2014	25400	Operation	ST0000000	C001087	2924424	ST5001040, Actinium-225 Technology Research and Int	0	Default Wf 0		Default Local Use Value	\$107,238.58	\$0.00	\$0.00	\$0.00	\$107,238.58
2300	089-X-418	2016	25400	Operation	ST0000000	C001087	2720716	ST5002000, University Research	0	Default Wf 0		Default Local Use Value	\$147,084.32	\$0.00	\$0.00	\$0.00	\$147,084.32
2300	089-X-418	2017	25400	Operation	ST0000000	C001087	2720715	ST5001030, Other National Lab Research	0	Default Wf 0		Default Local Use Value	\$0.00	\$425,000.00	\$185,000.00	\$610,000.00	\$610,000.00
2300	089-X-418	2017	25400	Operation	ST0000000	C001087	2924280	ST6001032, Hot Cell and Other National Lab Facilities	0	Default Wf 0		Default Local Use Value	\$0.00	\$1,496,363.86	\$724,000.00	\$2,220,363.86	\$2,220,363.86
2300	089-X-418	2014	25400	Operation	ST0000000	C001087	2720714	ST5001020, Brookhaven Linear Isotope Producer (BLIP)	0	Default Wf 0		Default Local Use Value	\$506,852.52	\$0.00	\$0.00	\$0.00	\$506,852.52
2300	089-X-418	2017	25400	Operation	ST0000000	C001087	2924281	ST6001034, Facility Upgrades	0	Default Wf 0		Default Local Use Value	\$0.00	\$611,000.00	\$0.00	\$611,000.00	\$611,000.00
5300	089-X-031	2016	25400	Operation	TE1100000	C002798	3123802	TE1104000, Energy Systems Predictive Capability	0	Default Wf 0		Default Local Use Value	\$250,799.93	\$0.00	\$0.00	\$0.00	\$250,799.93
5300	089-X-031	2017	25400	Operation	TE1200000	C002799	3123809	TE1203000, Advance Distribution Management System	0	Default Wf 0		Default Local Use Value	\$0.00	\$6,380.00	\$0.00	\$6,380.00	\$6,380.00
5300	089-X-031	2017	25400	Operation	TE1100000	C002798	3123802	TE1104000, Energy Systems Predictive Capability	0	Default Wf 0		Default Local Use Value	\$0.00	\$25,000.00	-\$25,000.00	\$0.00	\$0.00
5300	089-X-031	2016	25400	Operation	TE1200000	C002799	3123811	TE1205000, Resilient Electric Distribution Grid R&D	0	Default Wf 0		Default Local Use Value	\$83,643.81	\$0.00	\$0.00	\$0.00	\$83,643.81
5300	089-X-031	2016	25400	Operation	TE1300000	C002800	3123804	TE1302000, Cyber for Energy Security OPS	0	Default Wf 0		Default Local Use Value	\$8,312.99	\$0.00	\$0.00	\$0.00	\$8,312.99
5300	089-X-031	2014	25400	Operation	TE1100000	C002798	3123785	TE1103000, Advanced Modeling Grid Research	0	Default Wf 0		Default Local Use Value	\$8,661.50	\$0.00	\$0.00	\$0.00	\$8,661.50
5300	089-X-031	2015	25400	Operation	TE1400000	C002801	3123795	TE1400000, Energy Storage	0	Default Wf 0		Default Local Use Value	\$56.79	\$0.00	\$0.00	\$0.00	\$56.79
5300	089-X-031	2015	25400	Operation	TG0000000	C002803	3123806	TG0100000, Infrastructure Security and Energy Restora	0	Default Wf 0		Default Local Use Value	\$63.25	-\$63.25	\$0.00	-\$63.25	\$0.00
5300	089-X-031	2016	25400	Operation	TE1400000	C002801	3123795	TE1400000, Energy Storage	0	Default Wf 0		Default Local Use Value	\$3,750.00	\$0.00	\$0.00	\$0.00	\$3,750.00
5300	089-X-031	2016	25400	Operation	TE1100000	C002798	3123785	TE1103000, Advanced Modeling Grid Research	0	Default Wf 0		Default Local Use Value	\$67,432.00	\$0.00	\$0.00	\$0.00	\$67,432.00
5300	089-X-031	2016	25400	Operation	TE1200000	C002799	3123810	TE1204000, Market-Based Control Signal	0	Default Wf 0		Default Local Use Value	\$2,804.90	\$0.00	\$0.00	\$0.00	\$2,804.90
5300	089-X-031	2016	25400	Operation	TF0000000	C002802	3123796	TF0000000, National Electricity Delivery	0	Default Wf 0		Default Local Use Value	\$4,790.55	\$0.00	\$0.00	\$0.00	\$4,790.55
5300	089-X-031	2017	25400	Operation	TE1200000	C002799	3123811	TE1205000, Resilient Electric Distribution Grid R&D	0	Default Wf 0		Default Local Use Value	\$0.00	\$85,000.00	\$0.00	\$85,000.00	\$85,000.00
5300	089-X-031	2017	25400	Operation	TE1300000	C002800	3123803	TE1301000, Cyber for Energy Security R&D	0	Default Wf 0		Default Local Use Value	\$0.00	\$32,865.00	\$0.00	\$32,865.00	\$32,865.00
5300	089-X-031	2015	25400	Operation	TE1200000	C002799	3123792	TE1201000, Smart Grid	0	Default Wf 0		Default Local Use Value	\$26,357.24	\$0.00	\$0.00	\$0.00	\$26,357.24
5300	089-X-031	2014	25400	Operation	TE1200000	C002799	3123792	TE1201000, Smart Grid	0	Default Wf 0		Default Local Use Value	\$31,959.55	\$0.00	\$0.00	\$0.00	\$31,959.55
5300	089-X-031	2016	25400	Operation	TE1200000	C002799	3123792	TE1201000, Smart Grid	0	Default Wf 0		Default Local Use Value	\$2,347.00	\$0.00	\$0.00	\$0.00	\$2,347.00
5300	089-X-031	2016	25400	Operation	TE1300000	C002800	3123803	TE1301000, Cyber for Energy Security R&D	0	Default Wf 0		Default Local Use Value	\$32,823.22	-\$58.76	\$0.00	-\$58.76	\$32,764.46
5300	089-X-031	2016	25400	Operation	TE1200000	C002799	3123812	TE1206000, Advanced Secure Low-cost Sensors	0	Default Wf 0		Default Local Use Value	\$45,945.00	\$0.00	\$0.00	\$0.00	\$45,945.00
5300	089-X-031	2017	25400	Operation	TE1100000	C002798	3123785	TE1103000, Advanced Modeling Grid Research	0	Default Wf 0		Default Local Use Value	\$0.00	\$481,036.00	\$36,750.00	\$517,786.00	\$517,786.00
5300	089-X-031	2017	25400	Operation	TE1100000	C002798	3123816	TE1104010, Monitoring and Real-Time Analysis	0	Default Wf 0		Default Local Use Value	\$0.00	\$37,735.00	\$25,000.00	\$62,735.00	\$62,735.00
5300	089-X-031	2016	25400	Operation	TE1100000	C002798	3123789	TE1101000, Transmission Reliability & Renewables Inte	0	Default Wf 0		Default Local Use Value	\$7,976.36	\$0.00	\$0.00	\$0.00	\$7,976.36
5300	089-X-031	2016	25400	Operation	TE1200000	C002799	3123809	TE1203000, Advance Distribution Management System	0	Default Wf 0		Default Local Use Value	\$276.08	-\$124.89	\$0.00	-\$124.89	\$151.19
5300	089-X-031	2016	25400	Operation	TE1300000	C002800	3123815	TE1305000, Virtual Energy Sector Forensics Analysis Pla	0	Default Wf 0		Default Local Use Value	\$49,649.35	\$0.00	\$0.00	\$0.00	\$49,649.35
5300	089-X-031	2015	25400	Operation	TE1100000	C002798	3123785	TE1103000, Advanced Modeling Grid Research	0	Default Wf 0		Default Local Use Value	\$20,611.00	\$0.00	\$0.00	\$0.00	\$20,611.00
5300	089-X-031	2017	25400	Operation	TE1400000	C002801	3123795	TE1400000, Energy Storage	0	Default Wf 0		Default Local Use Value	\$0.00	\$7,500.00	\$0.00	\$7,500.00	\$7,500.00
5350	089-X-031	2016	25400	Operation	AF5800000	C000822	2720625	AF5855000, Fuel Resources R&D	0	Default Wf 0		Default Local Use Value	\$46,642.43	\$0.00	\$0.00	\$0.00	\$46,642.43
5350	089-X-031	2016	25400	Operation	AF5800000	C000822	2720874	AF5832020, Systems Analysis	0	Default Wf 0		Default Local Use Value	\$95,188.31	\$0.00	\$0.00	\$0.00	\$95,188.31
5350	089-X-031	2016	25400	Operation	AF5800000	C000822	2720667	AF5810000, Advanced Fuels Research, Development an	0	Default Wf 0		Default Local Use Value	\$168,682.35	\$0.00	\$0.00	\$0.00	\$168,682.35
5350	089-X-031	2016	25400	Operation	RC0400000	C002775	2720918	RC0424000, ARC International Collaborations	0	Default Wf 0		Default Local Use Value	\$22,642.70	\$0.00	\$0.00	\$0.00	\$22,642.70
5350	089-X-031	2017	25400	Operation	RC0400000	C002775	2720918	RC0424000, ARC International Collaborations	0	Default Wf 0		Default Local Use Value	\$0.00	\$75,000.00	\$0.00	\$75,000.00	\$75,000.00
5350	089-X-031	2013	25400	Operation	NT0100000	C002769	2720775	NT0104000, Reactor Materials	0	Default Wf 0		Default Local Use Value	\$98,115.68	\$0.00	\$0.00	\$0.00	\$98,115.68
5350	089-X-031	2017	25400	Operation	AF5800000	C000822	2720965	AF5861010, Spent Fuel and Waste Disposition Program	0	Default Wf 0		Default Local Use Value	\$0.00	\$168,000.00	\$0.00	\$168,000.00	\$168,000.00
5350	089-X-031	2017	25400	Operation	AF5800000	C000822	2720667	AF5810000, Advanced Fuels Research, Development an	0	Default Wf 0		Default Local Use Value	\$0.00	\$800,000.00	\$0.00	\$800,000.00	\$800,000.00
5350	089-X-031	2017	25400	Operation	AF5800000	C000822	2720625	AF5855000, Fuel Resources R&D	0	Default Wf 0		Default Local Use Value	\$0.00	\$100,000.00	\$0.00	\$100,000.00	\$100,000.00
5350	089-X-031	2014	25400	Operation	AF5800000	C000822	2720875	AF5832030, Program Assessment & Coordination	0	Default Wf 301604	CHNE-0301604		\$2,668.83	\$0.00	\$0.00	\$0.00	\$2,668.83
5350	089-X-031	2016	25400	Operation	AF0400000	C002768	2720880	AF0440000, Program Support	0	Default Wf 0		Default Local Use Value	\$5,184.83	\$0.00	\$0.00	\$0.00	\$5,184.83
5350	089-X-031	2017	25400	Operation	AF5800000	C000822	2720875	AF5832030, Program Assessment & Coordination	0	Default Wf 0		Default Local Use Value	\$0.00	\$161,000.00	\$200,000.00	\$361,000.00	\$361,000.00
5350	089-X-031	2016	25400	Operation	AF5800000	C000822	2720875	AF5832030, Program Assessment & Coordination	0	Default Wf 0		Default Local Use Value	\$214,496.04	\$0.00	\$0.00	\$0.00	\$214,496.04

Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OC	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
5350	089-X-031	2017	25400	Operation	AF580000	C000822	2720874	AF5832020, Systems Analysis	0	Default Wf 0		Default Local Use Value	\$0.00	\$655,000.00	\$0.00	\$655,000.00	\$655,000.00
5450	089-X-032	2015	25400	Operation	SL000000	C002911	1005616	SL0300000, Systems Integration (Balance of Systems an	0	Default Wf 0		Default Local Use Value	\$7,158.23	\$0.00	\$0.00	\$0.00	\$7,158.23
5450	089-X-032	2016	25400	Operation	HT000000	C002796	1009190	HT0100000, Fuel Cell Systems R&D	0	Default Wf 302017		TCF Funding - Managed by OTT	\$200,000.00	\$0.00	\$0.00	\$0.00	\$200,000.00
5450	089-X-032	2013	25400	Operation	EL1700000	C000955	1005091	EL1708000, DOE Specific Investments	0	Default Wf 0		Default Local Use Value	\$118,016.25	\$0.00	\$0.00	\$0.00	\$118,016.25
5450	089-X-032	2017	25400	Operation	HT000000	C002796	1009190	HT0100000, Fuel Cell Systems R&D	0	Default Wf 0		Default Local Use Value	\$0.00	\$1,200,000.00	\$0.00	\$1,200,000.00	\$1,200,000.00
5450	089-X-032	2017	25400	Operation	SL000000	C002911	1005616	SL0300000, Systems Integration (Balance of Systems an	0	Default Wf 0		Default Local Use Value	\$0.00	\$500,000.00	\$0.00	\$500,000.00	\$500,000.00
5450	089-X-032	2017	25400	Operation	HT000000	C002796	2223156	HT1100000, Technology Acceleration	0	Default Wf 0		Default Local Use Value	\$0.00	\$0.00	\$25,779.00	\$25,779.00	\$25,779.00
5450	089-X-032	2015	25400	Operation	VT000000	C001096	1005556	VT1301000, Vehicle and System Simulation and Testing	0	Default Wf 0		Default Local Use Value	\$7,101.82	\$0.00	\$0.00	\$0.00	\$7,101.82
5450	089-X-032	2016	25400	Operation	HT000000	C002796	1009198	HT0800000, Technology Validation	0	Default Wf 0		Default Local Use Value	\$46,852.96	\$0.00	\$0.00	\$0.00	\$46,852.96
5450	089-X-032	2016	25400	Operation	PG000000	C002840	1005604	PG0400000, Innovation & Deployment	0	Default Wf 0		Default Local Use Value	\$85,000.00	\$0.00	\$0.00	\$0.00	\$85,000.00
5450	089-X-032	2017	25400	Operation	VT000000	C001096	1005554	VT1201000, Batteries & Electric Drive Technology - Ener	0	Default Wf 0		Default Local Use Value	\$0.00	\$2,550,000.00	\$0.00	\$2,550,000.00	\$2,550,000.00
5450	089-X-032	2017	25400	Operation	VT000000	C001096	1005556	VT1301000, Vehicle and System Simulation and Testing	0	Default Wf 0		Default Local Use Value	\$0.00	\$7,401.00	\$0.00	\$7,401.00	\$7,401.00
5450	089-X-032	2016	25400	Operation	HT000000	C002796	1009190	HT0100000, Fuel Cell Systems R&D	0	Default Wf 0		Default Local Use Value	\$300,000.00	\$0.00	\$0.00	\$0.00	\$300,000.00
5450	089-X-032	2014	25400	Operation	VT000000	C001096	1004893	VT0204000, Vehicle Technologies Deployment	0	Default Wf 0		Default Local Use Value	\$338.96	-\$338.96	\$0.00	-\$338.96	\$0.00
5450	089-X-032	2016	25400	Operation	VT000000	C001096	1005556	VT1301000, Vehicle and System Simulation and Testing	0	Default Wf 0		Default Local Use Value	\$167,675.00	\$0.00	\$0.00	\$0.00	\$167,675.00
5450	089-X-032	2016	25400	Operation	SL000000	C002911	1005616	SL0300000, Systems Integration (Balance of Systems an	0	Default Wf 0		Default Local Use Value	\$0.00	\$7,158.23	\$0.00	\$7,158.23	\$7,158.23
5450	089-X-032	2017	25400	Operation	GT000000	C002910	1005613	GT0300000, Hydrothermal	0	Default Wf 0		Default Local Use Value	\$0.00	\$425,000.00	\$0.00	\$425,000.00	\$425,000.00
5450	089-X-032	2014	25400	Operation	GT000000	C002910	1005612	GT0100000, Enhanced Geothermal Systems	0	Default Wf 0		Default Local Use Value	\$6,318.43	\$0.00	\$0.00	\$0.00	\$6,318.43
5450	089-X-032	2015	25400	Operation	ED000000	C000949	1009209	ED2701000, Next Generation Manufacturing	0	Default Wf 0		Default Local Use Value	\$0.00	\$319,142.00	\$0.00	\$319,142.00	\$319,142.00
5450	089-X-032	2016	25400	Operation	VT000000	C001096	1005554	VT1201000, Batteries & Electric Drive Technology - Ener	0	Default Wf 0		Default Local Use Value	\$1,470,704.46	-\$220.67	\$0.00	-\$220.67	\$1,470,483.79
5450	089-X-032	2016	25400	Operation	ED000000	C000949	1009209	ED2701000, Next Generation Manufacturing	0	Default Wf 0		Default Local Use Value	\$0.00	\$491,168.00	\$0.00	\$491,168.00	\$491,168.00
5450	089-X-032	2015	25400	Operation	HT000000	C002796	1009190	HT0100000, Fuel Cell Systems R&D	0	Default Wf 0		Default Local Use Value	\$6,683.36	\$0.00	\$0.00	\$0.00	\$6,683.36
5450	089-X-032	2016	25400	Operation	GT000000	C002910	1005613	GT0300000, Hydrothermal	0	Default Wf 0		Default Local Use Value	\$142,653.99	\$0.00	\$0.00	\$0.00	\$142,653.99
5450	089-X-032	2014	25400	Operation	BM010000	C000846	1009218	BM0107000, Biopower	0	Default Wf 0		Default Local Use Value	\$2,556.10	-\$993.55	\$0.00	-\$993.55	\$1,562.55
5498	089-X-032	2015	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860966	CHAGR873 0		Default Local Use Value	\$56,623.76	\$0.00	\$0.00	\$0.00	\$56,623.76
5498	089-X-032	2017	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860966	CHAGR873 0		Default Local Use Value	\$0.00	\$193,203.88	\$0.00	\$193,203.88	\$193,203.88
5498	089-X-032	2016	25400	Operation	4.56E+08	C003005	6600146	456160031, Industry - Domestic	4860966	CHAGR873 0		Default Local Use Value	\$193,203.88	\$0.00	\$0.00	\$0.00	\$193,203.88
6600	089X0337	2014	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default Wf 0		Default Local Use Value	\$36,666.49	\$0.00	\$0.00	\$0.00	\$36,666.49
6600	089X0337	2014	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default Wf 1249		CHARPA-0001249	\$561,053.77	\$0.00	\$0.00	\$0.00	\$561,053.77
6600	089X0337	2016	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default Wf 1314		ARPA-E Lab Allocations	\$0.00	\$600,000.00	\$0.00	\$600,000.00	\$600,000.00
6600	089X0337	2014	25400	Operation	CJ0100000	C002599	3166012	CJ0100000, ARPA-E Projects	0	Default Wf 1250		CHARPA-0001250	\$241,490.09	\$0.00	\$0.00	\$0.00	\$241,490.09

<b>Non-Appropriated Total</b>													<b>\$8,345,788.01</b>	<b>\$24,883,427.76</b>	<b>\$2,909,557.20</b>	<b>\$27,792,984.96</b>	<b>\$36,138,772.97</b>
<b>DOE Appropriated Total</b>													<b>\$156,326,759.65</b>	<b>\$504,352,849.67</b>	<b>\$4,899,579.81</b>	<b>\$509,252,429.48</b>	<b>\$665,579,189.13</b>

<b>SF-30 Total</b>													<b>\$164,672,547.66</b>	<b>\$529,236,277.43</b>	<b>\$7,809,137.01</b>	<b>\$537,045,414.44</b>	<b>\$701,717,962.10</b>
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<b>FPDS-NG Total [Action Obligation]</b>																	<b>\$4,899,579.81</b>
<b>FPDS-NG Total [Base And Exercised Options Value]</b>																	<b>\$7,809,137.01</b>
<b>FPDS-NG Total [Base And All Options Value]</b>																	<b>\$7,809,137.01</b>

Agency Sub-Report

Agency	Obligation Change Amount
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Department of Commerce	264,709.88
Department of Homeland Security	2,012,537.56
Executive Office of the President	7,500,000.00
General Services Administration	164,225.07
Intelligence Community Management Account	400,000.00
National Aeronautics and Space Administration	1,746,578.63
Nuclear Regulatory Commission	67,961.17
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Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program	Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised	Total Available
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Work for Others Funds Associated with Federal Agencies: 12,156,012.31

Total DOE Funds: 4,899,579.81

Total Non-Appropriated Funds: 2,909,557.20

Grand Total: -----  
19,965,149.32