



Fund Code	Fund Code Title	Appropriation Year	Object Class	Object Class Title	Legacy B&R Control	OCL	Program
500	089-X-0222 - Science Primary Fund (was WA)	2007	25400	Operation	KP0000000	C001024	2923849
500	089-X-0222 - Science Primary Fund (was WA)	2007	31003	Other Equip	KP0000000	C001024	2923848
500	089-X-0222 - Science Primary Fund (was WA)	2010	25400	Operation	KA0000000	C002852	2924151
500	089-X-0222 - Science Primary Fund (was WA)	2010	25400	Operation	KL0000000	C001021	2924414
500	089-X-0222 - Science Primary Fund (was WA)	2011	25400	Operation	KP0000000	C001024	2924206
500	089-X-0222 - Science Primary Fund (was WA)	2011	31003	Other Equip	KC0000000	C002853	3023325
500	089-X-0222 - Science Primary Fund (was WA)	2012	25400	Operation	KA0000000	C002852	2923679
500	089-X-0222 - Science Primary Fund (was WA)	2012	25400	Operation	KA0000000	C002852	2924034
500	089-X-0222 - Science Primary Fund (was WA)	2013	25400	Operation	KJ0000000	C001018	2924137
500	089-X-0222 - Science Primary Fund (was WA)	2013	25400	Operation	KP0000000	C001024	2924200
500	089-X-0222 - Science Primary Fund (was WA)	2013	25400	Operation	KP0000000	C001024	2924202
500	089-X-0222 - Science Primary Fund (was WA)	2013	31003	Other Equip	KA0000000	C002852	2924363
500	089-X-0222 - Science Primary Fund (was WA)	2013	32001	Constructic	39KG00000	C002739	2924227
500	089-X-0222 - Science Primary Fund (was WA)	2014	25400	Operation	KA0000000	C002852	2923680
500	089-X-0222 - Science Primary Fund (was WA)	2014	25400	Operation	KA0000000	C002852	2923681
500	089-X-0222 - Science Primary Fund (was WA)	2014	25400	Operation	KB0000000	C001009	2923728
500	089-X-0222 - Science Primary Fund (was WA)	2014	25400	Operation	KB0000000	C001009	2923741
500	089-X-0222 - Science Primary Fund (was WA)	2014	25400	Operation	KC0000000	C002853	2923794
500	089-X-0222 - Science Primary Fund (was WA)	2014	25400	Operation	KC0000000	C002853	2924233
500	089-X-0222 - Science Primary Fund (was WA)	2014	25400	Operation	KC0000000	C002853	2924248
500	089-X-0222 - Science Primary Fund (was WA)	2014	25400	Operation	KC0000000	C002853	2924300
500	089-X-0222 - Science Primary Fund (was WA)	2014	25400	Operation	KJ0000000	C001018	2924137
500	089-X-0222 - Science Primary Fund (was WA)	2014	25400	Operation	KP0000000	C001024	2924200
500	089-X-0222 - Science Primary Fund (was WA)	2014	25400	Operation	KP0000000	C001024	2924217
500	089-X-0222 - Science Primary Fund (was WA)	2014	31003	Other Equip	KC0000000	C002853	2924232
500	089-X-0222 - Science Primary Fund (was WA)	2014	31003	Other Equip	KC0000000	C002853	2924300

500	089-X-0222	- Science Primary Fund (was WA)	2014	32001	Constructic	39KC00000	C000604	2924055
500	089-X-0222	- Science Primary Fund (was WA)	2015	25400	Operation	:KA0000000	C002852	2924313
500	089-X-0222	- Science Primary Fund (was WA)	2015	25400	Operation	:KA0000000	C002852	2924314
500	089-X-0222	- Science Primary Fund (was WA)	2015	25400	Operation	:KA0000000	C002852	2924336
500	089-X-0222	- Science Primary Fund (was WA)	2015	25400	Operation	:KA0000000	C002852	2924342
500	089-X-0222	- Science Primary Fund (was WA)	2015	25400	Operation	:KA0000000	C002852	2924363
500	089-X-0222	- Science Primary Fund (was WA)	2015	25400	Operation	:KC0000000	C002853	2923769
500	089-X-0222	- Science Primary Fund (was WA)	2015	25400	Operation	:KC0000000	C002853	2924232
500	089-X-0222	- Science Primary Fund (was WA)	2015	25400	Operation	:KC0000000	C002853	2924447
500	089-X-0222	- Science Primary Fund (was WA)	2015	25400	Operation	:KJ0000000	C001018	2924135
500	089-X-0222	- Science Primary Fund (was WA)	2015	25400	Operation	:KJ0000000	C001018	2924137
500	089-X-0222	- Science Primary Fund (was WA)	2015	25400	Operation	:KP0000000	C001024	2924200
500	089-X-0222	- Science Primary Fund (was WA)	2015	25400	Operation	:KP0000000	C001024	2924209
500	089-X-0222	- Science Primary Fund (was WA)	2015	25400	Operation	:KP0000000	C001024	2924216
500	089-X-0222	- Science Primary Fund (was WA)	2015	25400	Operation	:KP0000000	C001024	2924417
500	089-X-0222	- Science Primary Fund (was WA)	2015	31003	Other Equip	KB0000000	C001009	2923736
500	089-X-0222	- Science Primary Fund (was WA)	2015	31003	Other Equip	KC0000000	C002853	2923774
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation	:FS1000000	C000984	2923652
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation	:FS1000000	C000984	2923653
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation	:FS1000000	C000984	2923654
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation	:FS1000000	C000984	2923655
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation	:FS1000000	C000984	2923656
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation	:FS1000000	C000984	2923657
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation	:FS1000000	C000984	2923658
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation	:KA0000000	C002852	2924313
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation	:KA0000000	C002852	2924314
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation	:KA0000000	C002852	2924317
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation	:KA0000000	C002852	2924319
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation	:KA0000000	C002852	2924320
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation	:KA0000000	C002852	2924325
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation	:KA0000000	C002852	2924328
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation	:KA0000000	C002852	2924336
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation	:KA0000000	C002852	2924346
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation	:KA0000000	C002852	2924355

500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation ; KC0000000	C002853	2924460
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation ; KC0000000	C002853	3023325
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation ; KJ0000000	C001018	2924135
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation ; KJ0000000	C001018	2924137
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation ; KL0000000	C001021	2924406
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation ; KL0000000	C001021	2924407
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation ; KL0000000	C001021	2924408
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation ; KL0000000	C001021	2924414
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation ; KP0000000	C001024	2924203
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation ; KP0000000	C001024	2924205
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation ; KP0000000	C001024	2924209
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation ; KP0000000	C001024	2924211
500	089-X-0222	- Science Primary Fund (was WA)	2016	25400	Operation ; KP0000000	C001024	2924462
500	089-X-0222	- Science Primary Fund (was WA)	2016	31001	Major Item KA0000000	C002852	2924320
500	089-X-0222	- Science Primary Fund (was WA)	2016	31001	Major Item KA0000000	C002852	2924350
500	089-X-0222	- Science Primary Fund (was WA)	2016	31001	Major Item KC0000000	C002853	2924289
500	089-X-0222	- Science Primary Fund (was WA)	2016	31003	Other Equip FS1000000	C000984	2923655
500	089-X-0222	- Science Primary Fund (was WA)	2016	31003	Other Equip KB0000000	C001009	2923736
500	089-X-0222	- Science Primary Fund (was WA)	2016	31003	Other Equip KB0000000	C001009	2923737
500	089-X-0222	- Science Primary Fund (was WA)	2016	31003	Other Equip KC0000000	C002853	2924233
500	089-X-0222	- Science Primary Fund (was WA)	2016	31003	Other Equip KC0000000	C002853	2924242
500	089-X-0222	- Science Primary Fund (was WA)	2016	31003	Other Equip KP0000000	C001024	2924209
500	089-X-0222	- Science Primary Fund (was WA)	2016	32001	Constructic 39KA00000	C002786	2924263
500	089-X-0222	- Science Primary Fund (was WA)	2016	32003	Accelerato KA0000000	C002852	2924382
500	089-X-0222	- Science Primary Fund (was WA)	2016	32003	Accelerato KB0000000	C001009	2923736
500	089-X-0222	- Science Primary Fund (was WA)	2017	25400	Operation ; FS1000000	C000984	2923652
500	089-X-0222	- Science Primary Fund (was WA)	2017	25400	Operation ; FS1000000	C000984	2923653
500	089-X-0222	- Science Primary Fund (was WA)	2017	25400	Operation ; FS1000000	C000984	2923654
500	089-X-0222	- Science Primary Fund (was WA)	2017	25400	Operation ; FS1000000	C000984	2923655
500	089-X-0222	- Science Primary Fund (was WA)	2017	25400	Operation ; FS1000000	C000984	2923656
500	089-X-0222	- Science Primary Fund (was WA)	2017	25400	Operation ; FS1000000	C000984	2923657
500	089-X-0222	- Science Primary Fund (was WA)	2017	25400	Operation ; FS1000000	C000984	2923658
500	089-X-0222	- Science Primary Fund (was WA)	2017	25400	Operation ; KA0000000	C002852	2924313
500	089-X-0222	- Science Primary Fund (was WA)	2017	25400	Operation ; KA0000000	C002852	2924317

517	089-X-0222 - Science Reimbursable Work Agreements for Co	2016	25400	Operation : 456100000	C003005	6600207
517	089-X-0222 - Science Reimbursable Work Agreements for Co	2017	25400	Operation : 456100000	C003005	6600207
517	089-X-0222 - Science Reimbursable Work Agreements for Co	2017	25400	Operation : 456100000	C003005	6600207
679	089-15/16-0228 - DA Transfer from USAID (23 USC 2392)	2015	25400	Operation : WA2200000	C001104	2822390
681	089-14/15-0228 - DA IA Transfer from USAID (23 USC 2392)	2014	25400	Operation : WA2200000	C001104	2822390
692	089-14/15-0228 - DA Primary Fund (P.L. 113-76 FY14)	2014	25400	Operation : WN0000000	C001118	1721222
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2014	25400	Operation : DP1204000	C000912	2220743
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2014	25400	Operation : DP4000000	C000925	2222480
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2015	25400	Operation : DP4000000	C000925	2221775
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2015	25400	Operation : DP4000000	C000925	2221791
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2015	25400	Operation : DP4000000	C000925	2221792
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2015	25400	Operation : DP8000000	C002982	2222989
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2016	25400	Operation : DP0909000	C002955	2223112
900	089-X-0240 - Weapons Activities (WA) Primary Fund (was T	2017	25400	Operation : DP0909000	C002955	2223112
1050	089-X-0243 - Other Defense Activities (ODA) Primary Fund	2015	25400	Operation : HQ0000000	C002425	3184701
1050	089-X-0243 - Other Defense Activities (ODA) Primary Fund	2017	25400	Operation : HQ0000000	C002425	3184701
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2015	25400	Operation : GD2500000	C002546	3203755
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2016	25400	Operation : GD6000000	C002970	3203761
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2016	25400	Operation : GD6000000	C002970	3203763
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2016	25400	Operation : GD6000000	C002970	3203764
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2016	25400	Operation : GD6000000	C002970	3203769
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2016	25400	Operation : GD6000000	C002970	3203779
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2017	25400	Operation : GD6000000	C002970	3203761
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2017	25400	Operation : GD6000000	C002970	3203763
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2017	25400	Operation : GD6000000	C002970	3203764
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2017	25400	Operation : GD6000000	C002970	3203769
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2017	25400	Operation : GD6000000	C002970	3203779
1060	089-X-0243 - ODA Specialized Security Activities Non-Pro	2017	25400	Operation : GD6000000	C002970	3203780
1079	089-16/17-0243 - ODA Program Direction	2016	25400	Operation : CS0000000	C000892	1713352
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2013	25400	Operation : NN4000000	C001056	2222721
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2013	25400	Operation : NN5000000	C001058	2221234
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2013	25400	Operation : NN5000000	C001058	2221240
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2013	25400	Operation : NN5000000	C001058	2222811
1551	089-X-0309 - Defense Nuclear Nonproliferation (DNN) Prim	2014	25400	Operation : NN4000000	C001056	2222722

1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2016	25400	Operation ; DN1003000	C003036	2223063
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2016	25400	Operation ; DN2000000	C003038	2223076
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2016	25400	Operation ; DN3001000	C003039	2223079
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2016	25400	Operation ; DN4000000	C003042	2223094
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2016	25400	Operation ; DN4000000	C003042	2223095
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2016	25400	Operation ; DN4000000	C003042	2223096
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2016	25400	Operation ; DN4000000	C003042	2223101
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2016	25400	Operation ; DN4000000	C003042	2223102
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2016	25400	Operation ; DN4000000	C003042	2223103
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2016	25400	Operation ; DN4000000	C003042	2223105
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation ; CT0000000	C003007	2223014
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation ; CT0000000	C003007	2223020
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation ; CT0000000	C003007	2223023
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation ; CT0000000	C003007	2223025
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation ; DN1001000	C003034	2223049
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation ; DN1003000	C003036	2223063
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation ; DN2000000	C003038	2223076
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation ; DN3001000	C003039	2223079
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation ; DN3001000	C003039	2223080
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation ; DN4000000	C003042	2223094
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation ; DN4000000	C003042	2223095
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation ; DN4000000	C003042	2223096
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation ; DN4000000	C003042	2223102
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation ; DN4000000	C003042	2223103
1551	089-X-0309	- Defense Nuclear Nonproliferation (DNN) Prim	2017	25400	Operation ; DN4000000	C003042	2223106
1557	089-X-0309	- DNN Second Line of Defense International Co	2012	25400	Operation ; NN5000000	C001058	2222290
1650	089-X-0313	- Office of the Administrator (OA) (was AD)	2010	25400	Operation ; PS0000000	C001075	2221514
1689	089-14/15-0313	- Office of the Administrator (P.L. 113-76 FY	2014	25400	Operation ; PS0000000	C001075	2222565
1751	089-X-0315	- Non-Defense Environmental Cleanup (NDEC) Pr	2013	25400	Operation ; EZ5000000	C002226	1110981
1751	089-X-0315	- Non-Defense Environmental Cleanup (NDEC) Pr	2015	25400	Operation ; EZ5000000	C002226	1110981
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2014	25400	Operation ; ST0000000	C001087	2720714
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2014	25400	Operation ; ST0000000	C001087	2924306
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2014	25400	Operation ; ST0000000	C001087	2924424
2300	089-X-4180	- Isotope Production and Distribution Fund (P	2014	32003	Accelerator; ST0000000	C001087	2924281

5300	089-X-0318	- Electricity Delivery and Energy Reliability	2017	25400	Operation : TE1100000	C002798	3123816
5300	089-X-0318	- Electricity Delivery and Energy Reliability	2017	25400	Operation : TE1300000	C002800	3123803
5300	089-X-0318	- Electricity Delivery and Energy Reliability	2017	25400	Operation : TE1400000	C002801	3123795
5350	089-X-0319	- Nuclear Energy (NE) Primary Fund (P.L. 110-	2013	25400	Operation : NT0100000	C002769	2720775
5350	089-X-0319	- Nuclear Energy (NE) Primary Fund (P.L. 110-	2014	25400	Operation : AF5800000	C000822	2720875
5350	089-X-0319	- Nuclear Energy (NE) Primary Fund (P.L. 110-	2016	25400	Operation : AF0400000	C002768	2720880
5350	089-X-0319	- Nuclear Energy (NE) Primary Fund (P.L. 110-	2016	25400	Operation : AF5800000	C000822	2720625
5350	089-X-0319	- Nuclear Energy (NE) Primary Fund (P.L. 110-	2016	25400	Operation : AF5800000	C000822	2720667
5350	089-X-0319	- Nuclear Energy (NE) Primary Fund (P.L. 110-	2016	25400	Operation : AF5800000	C000822	2720874
5350	089-X-0319	- Nuclear Energy (NE) Primary Fund (P.L. 110-	2016	25400	Operation : AF5800000	C000822	2720875
5350	089-X-0319	- Nuclear Energy (NE) Primary Fund (P.L. 110-	2016	25400	Operation : RC0400000	C002775	2720918
5350	089-X-0319	- Nuclear Energy (NE) Primary Fund (P.L. 110-	2017	25400	Operation : AF0400000	C002768	2720877
5350	089-X-0319	- Nuclear Energy (NE) Primary Fund (P.L. 110-	2017	25400	Operation : AF5800000	C000822	2720625
5350	089-X-0319	- Nuclear Energy (NE) Primary Fund (P.L. 110-	2017	25400	Operation : AF5800000	C000822	2720667
5350	089-X-0319	- Nuclear Energy (NE) Primary Fund (P.L. 110-	2017	25400	Operation : AF5800000	C000822	2720874
5350	089-X-0319	- Nuclear Energy (NE) Primary Fund (P.L. 110-	2017	25400	Operation : AF5800000	C000822	2720875
5350	089-X-0319	- Nuclear Energy (NE) Primary Fund (P.L. 110-	2017	25400	Operation : AF5800000	C000822	2720965
5350	089-X-0319	- Nuclear Energy (NE) Primary Fund (P.L. 110-	2017	25400	Operation : RC0400000	C002775	2720918
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2013	25400	Operation : EL1700000	C000955	1005091
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2014	25400	Operation : BM0100000	C000846	1009218
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2014	25400	Operation : GT0000000	C002910	1005612
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2014	25400	Operation : VT0000000	C001096	1004893
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2015	25400	Operation : ED0000000	C000949	1009209
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2015	25400	Operation : HT0000000	C002796	1009190
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2015	25400	Operation : SL0000000	C002911	1005616
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2015	25400	Operation : VT0000000	C001096	1005556
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2016	25400	Operation : ED0000000	C000949	1009209
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2016	25400	Operation : GT0000000	C002910	1005613
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2016	25400	Operation : HT0000000	C002796	1009190
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2016	25400	Operation : HT0000000	C002796	1009190
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2016	25400	Operation : HT0000000	C002796	1009198
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2016	25400	Operation : PG0000000	C002840	1005604
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2016	25400	Operation : SL0000000	C002911	1005616
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2016	25400	Operation : VT0000000	C001096	1005554

5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2016	25400	Operation : VT0000000	C001096	1005556
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2017	25400	Operation : GT0000000	C002910	1005613
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2017	25400	Operation : HT0000000	C002796	1009190
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2017	25400	Operation : VT0000000	C001096	1005554
5450	089-X-0321	- Energy Efficiency and Renewable Energy (EER	2017	25400	Operation : VT0000000	C001096	1005556
5489	089-16/17-0321	- EERE Reimbursable Work with Other Federal A	2016	25400	Operation : 456100000	C003005	6600073
5498	089-X-0321	- EERE Reimbursable Work with Non-Federal Ent	2015	25400	Operation : 456100000	C003005	6600146
5498	089-X-0321	- EERE Reimbursable Work with Non-Federal Ent	2016	25400	Operation : 456100000	C003005	6600146
6600	089X0337	- Energy Transformation Acceleration Fund - A	2014	25400	Operation : CJ0100000	C002599	3166012
6600	089X0337	- Energy Transformation Acceleration Fund - A	2014	25400	Operation : CJ0100000	C002599	3166012
6600	089X0337	- Energy Transformation Acceleration Fund - A	2014	25400	Operation : CJ0100000	C002599	3166012

Non-Appropriated Total
DOE Appropriated Total

SF-30 Total

FPDS-NG Total [Action Obligation]
FPDS-NG Total [Base And Exercised Options Value]
FPDS-NG Total [Base And All Options Value]

Work for Others Funds Associated with Federal Agencies:	-205,253.90
Total DOE Funds:	2,062,725.18
Total Non-Appropriated Funds:	1,303,502.94
Grand Total:	3,160,974.22

BROOKHAVEN NATIONAL LABORATORY
 CONTRACT MOD #
 DE-SC0012704

Program Title	WFO	WFO Title	Local Use	Local Use Code	Beginning Uncosted Obligations	Budget Authority Previous	Budget Authority Change	Budget Authority Revised
KP1102010, Molecular Biology	0	Default WF0		Default Loc	\$1,581.19	\$0.00	\$0.00	\$0.00
KP1101010, Structural Biology	0	Default WF485396		CHEQU	\$39,292.45	\$0.00	\$0.00	\$0.00
KA1301032, Non-Accelerator Physics Research, Projects, Futur	0	Default WF0		Default Loc	\$3,865.54	\$0.00	\$0.00	\$0.00
KL1500000, Outreach	0	Default WF0		Default Loc	\$2,180.42	\$0.00	\$0.00	\$0.00
KP1602020, Radiobiology	0	Default WF0		Default Loc	\$133,299.29	\$0.00	\$0.00	\$0.00
KC0203020, Synthesis and Processing Science	0	Default WF485396		CHEQU	\$2,515.98	\$0.00	\$0.00	\$0.00
KA1102080, Proton Facilities - Other	0	Default WF0		Default Loc	\$22,965.75	\$0.00	\$0.00	\$0.00
KA1502021, Advanced Technology Research, Accelerator Develop	0	Default WF0		Default Loc	\$3,459.35	\$0.00	\$0.00	\$0.00
KJ0404000, Next Generation Networking for Science	0	Default WF0		Default Loc	\$88,613.67	\$0.00	\$0.00	\$0.00
KP1601010, Foundational Genomics Research	0	Default WF0		Default Loc	\$108,136.82	\$0.00	\$0.00	\$0.00
KP1601030, Metabolic Synthesis and Conversion	0	Default WF0		Default Loc	\$31,958.69	-\$31,958.69	\$0.00	-\$31,958.69
KA2403013, Other Projects	0	Default WF485396		CHEQU	\$13,302.54	-\$13,302.54	\$0.00	-\$13,302.54
39KG01000PRN10SC72000, Renovate Science Laboratories, Ph. I	0	Default WF0		Default Loc	\$13,328.21	\$0.00	\$0.00	\$0.00
KA1102811, Proton Facilities - Chng in Inventories, Special	0	Default WF0		Default Loc	\$25,126.18	\$0.00	\$0.00	\$0.00
KA1102812, Proton Facilities - Chng in Inventories, Common U	0	Default WF0		Default Loc	\$212,904.79	\$0.00	\$0.00	\$0.00
KB0181012, Nuclear Physics - BNL-Tandem	0	Default WF0		Default Loc	\$34,228.17	\$0.00	\$0.00	\$0.00
KB0281011, Nuclear Physics - RHIC	0	Default WF0		Default Loc	\$440,766.74	\$0.00	\$0.00	\$0.00
KC0281013, BNL-NSLS	0	Default WF0		Default Loc	\$165,193.55	\$0.00	\$0.00	\$0.00
KC0401040, National Synchrotron Light Source II (BNL)	0	Default WF0		Default Loc	\$0.00	\$0.00	\$0.35	\$0.35
KC0404040, National Synchrotron Light Source II (BNL)	0	Default WF0		Default Loc	\$708,710.29	\$0.00	\$0.00	\$0.00
KC0304030, Solar Photochemistry	0	Default WF0		Default Loc	\$0.00	\$0.00	\$1,164.17	\$1,164.17
KJ0404000, Next Generation Networking for Science	0	Default WF0		Default Loc	\$6,172.14	\$0.00	\$0.00	\$0.00
KP1601010, Foundational Genomics Research	0	Default WF0		Default Loc	\$180,000.00	\$0.00	\$0.00	\$0.00
KP1703030, Integrated Assessment	0	Default WF0		Default Loc	\$66.09	\$0.00	\$0.00	\$0.00
KC0401030, National Synchrotron Light Source (BNL)	0	Default WF485396		CHEQU	\$0.35	\$0.00	-\$0.35	-\$0.35
KC0304030, Solar Photochemistry	0	Default WF485396		CHEQU	\$1,164.17	\$0.00	-\$1,164.17	-\$1,164.17

39KC02000PRN07SC06000, PED, National Synchrotron Light Sourc	0	Default WF0	Default Loc \$2,399.33	\$0.00	\$0.00	\$0.00
KA2101020, National Laboratories	0	Default WF 485474	CHOPEMIE \$620,981.62	\$0.00	\$0.00	\$0.00
KA2101030, University Service Accounts	0	Default WF0	Default Loc \$52,821.41	\$0.00	\$0.00	\$0.00
KA2202090, Other Facilities	0	Default WF0	Default Loc \$284,282.14	\$0.00	\$0.00	\$0.00
KA2203012, Line Item OPC	0	Default WF0	Default Loc \$119,515.33	\$0.00	\$0.00	\$0.00
KA2403013, Other Projects	0	Default WF0	Default Loc \$9,984.80	\$0.00	\$0.00	\$0.00
KC0201010, Structure Of Materials	0	Default WF0	Default Loc \$0.00	\$0.00	\$3,393.61	\$3,393.61
KC0401030, National Synchrotron Light Source (BNL)	0	Default WF0	Default Loc \$90,348.79	\$0.00	\$0.00	\$0.00
KC0213010, Computational Materials Sciences	0	Default WF0	Default Loc \$1,781,003.95	\$0.00	\$0.00	\$0.00
KJ0402000, Computer Sciences Research	0	Default WF0	Default Loc \$177,483.60	\$0.00	\$0.00	\$0.00
KJ0404000, Next Generation Networking for Science	0	Default WF0	Default Loc \$220,490.65	-\$1,707.12	\$0.00	-\$1,707.12
KP1601010, Foundational Genomics Research	0	Default WF0	Default Loc \$180,000.00	\$0.00	\$0.00	\$0.00
KP1605010, Structural Biology Infrastructure	0	Default WF0	Default Loc \$2,286,067.89	\$0.00	\$0.00	\$0.00
KP1703020, Earth System Modeling	0	Default WF0	Default Loc \$42,767.36	\$0.00	\$0.00	\$0.00
KP1606000, Mesoscale to Molecules	0	Default WF0	Default Loc \$800,505.82	\$0.00	\$0.00	\$0.00
KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WF 485396	CHEQU \$52,139.75	\$0.00	\$0.00	\$0.00
KC0202020, Experimental Condensed Matter Physics	0	Default WF 485396	CHEQU \$3,393.61	\$0.00	-\$3,393.61	-\$3,393.61
FS1001000, Protective Forces	0	Default WF0	Default Loc \$1,141,759.68	\$0.00	\$0.00	\$0.00
FS1002000, Security Systems	0	Default WF0	Default Loc \$631,209.37	\$0.00	\$0.00	\$0.00
FS1004000, Information Security	0	Default WF0	Default Loc \$219,425.15	\$0.00	\$0.00	\$0.00
FS1005000, Cyber Security	0	Default WF0	Default Loc \$718,695.99	\$0.00	\$0.00	\$0.00
FS1006000, Personnel Security	0	Default WF0	Default Loc \$205,594.31	\$0.00	\$0.00	\$0.00
FS1007000, Material Control and Accountability	0	Default WF0	Default Loc \$324,477.63	\$0.00	\$0.00	\$0.00
FS1009000, Program Management	0	Default WF0	Default Loc \$502,270.24	\$0.00	\$0.00	\$0.00
KA2101020, National Laboratories	0	Default WF0	Default Loc \$1,606,137.72	\$0.00	\$0.00	\$0.00
KA2101030, University Service Accounts	0	Default WF0	Default Loc \$242,500.00	\$0.00	\$0.00	\$0.00
KA2102021, ATLAS Detector and Computing Support	0	Default WF0	Default Loc \$9,468,950.42	\$0.00	\$0.00	\$0.00
KA2102090, Other Facilities	0	Default WF0	Default Loc \$167,707.69	-\$21,673.92	\$0.00	-\$21,673.92
KA2103011, MIE	0	Default WF 485493	CHOPEMIE \$8,877.94	\$0.00	\$0.00	\$0.00
KA2201020, National Laboratories	0	Default WF0	Default Loc \$1,044,141.64	\$0.00	\$0.00	\$0.00
KA2202010, Experimental Operations and Support	0	Default WF0	Default Loc \$325,922.19	\$0.00	\$0.00	\$0.00
KA2202090, Other Facilities	0	Default WF0	Default Loc \$385,000.00	\$0.00	\$0.00	\$0.00
KA2301020, National Laboratories	0	Default WF0	Default Loc \$515,439.32	\$0.00	\$0.00	\$0.00
KA2401012, National Laboratories	0	Default WF0	Default Loc \$872,897.65	\$0.00	\$0.00	\$0.00

KA2401021, Scientific Discovery through Advanced Computing (0	Default WFO	Default Loc	\$250,572.30	\$0.00	\$0.00	\$0.00
KA2401022, Scientific Computing	0	Default WFO	Default Loc	\$31,794.97	\$0.00	\$0.00	\$0.00
KA2501012, National Laboratories	0	Default WFO	Default Loc	\$119,962.39	\$0.00	\$0.00	\$0.00
KA2501021, LHC Accelerator Research	0	Default WFO	Default Loc	\$171,563.78	\$0.00	\$0.00	\$0.00
KA2501022, Muon Accelerators	0	Default WFO	Default Loc	\$624,552.42	\$0.00	\$0.00	\$0.00
KA2501032, National Laboratories	0	Default WFO	Default Loc	\$597,568.28	\$0.00	\$0.00	\$0.00
KA2601020, National Laboratories	0	Default WFO	Default Loc	\$97,745.06	\$0.00	\$0.00	\$0.00
KA2602010, Accelerator Operations and Support	0	Default WFO	Default Loc	\$439,869.04	\$0.00	\$0.00	\$0.00
KB0101022, Medium Energy, Other National Laboratory Research	0	Default WFO	Default Loc	\$332,163.64	\$0.00	\$0.00	\$0.00
KB0201021, Heavy Ion, RHIC Research	0	Default WFO	Default Loc	\$1,156,414.54	\$0.00	\$0.00	\$0.00
KB0201022, Heavy Ion, Other National Laboratory Research	0	Default WFO	Default Loc	\$3,451.68	\$0.00	\$0.00	\$0.00
KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WFO	Default Loc	\$5,608,896.89	\$0.00	\$0.00	\$0.00
KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WFO	Default Loc	\$3,890,030.59	\$0.00	\$0.00	\$0.00
KB0301020, Theory, National Laboratory Research	0	Default WFO	Default Loc	\$1,702,019.19	\$0.00	\$0.00	\$0.00
KB0301042, Theory, Nuclear Data, National Laboratory Researc	0	Default WFO	Default Loc	\$435,882.54	\$0.00	\$0.00	\$0.00
KB0301052, Theory, SciDAC, National Laboratory Research	0	Default WFO	Default Loc	\$214,542.85	\$0.00	\$0.00	\$0.00
KB0401022, Low Energy, Other National Laboratory Research	0	Default WFO	Default Loc	\$72,507.28	\$0.00	\$0.00	\$0.00
KB0201052, Heavy Ion Accelerator R&D Natl Lab Research	0	Default WFO	Default Loc	\$473,078.72	\$0.00	\$0.00	\$0.00
KC0201010, Structure Of Materials	0	Default WFO	Default Loc	\$1,977,142.14	\$0.00	\$0.00	\$0.00
KC0202020, Experimental Condensed Matter Physics	0	Default WFO	Default Loc	\$188,786.71	\$0.00	\$0.00	\$0.00
KC0202030, Condensed Matter Theory, Particle-Solid Interacti	0	Default WFO	Default Loc	\$240,339.63	\$0.00	\$0.00	\$0.00
KC0301020, Chemical Physics	0	Default WFO	Default Loc	\$268,939.89	\$0.00	\$0.00	\$0.00
KC0302010, Chemical Energy	0	Default WFO	Default Loc	\$330,284.74	\$0.00	\$0.00	\$0.00
KC0302030, Heavy Element Chemistry	0	Default WFO	Default Loc	\$383,021.77	\$0.00	\$0.00	\$0.00
KC0207010, Energy Frontier Research Centers (EFRCs)	0	Default WFO	Default Loc	\$3,286,893.63	\$0.00	\$0.00	\$0.00
KC0401040, National Synchrotron Light Source II (BNL)	0	Default WFO	Default Loc	\$25,785,995.15	-\$5,600,000.00	\$0.00	-\$5,600,000.00
KC0403020, Center for Functional Nanomaterials (BNL)	0	Default WFO	Default Loc	\$7,853,607.86	\$0.00	\$0.00	\$0.00
KC0202050, Physical Behavior of Materials	0	Default WFO	Default Loc	\$20,444.56	\$0.00	\$0.00	\$0.00
KC0304020, Physical Biosciences	0	Default WFO	Default Loc	\$1,357,113.79	\$0.00	\$0.00	\$0.00
KC0304030, Solar Photochemistry	0	Default WFO	Default Loc	\$2,017,288.63	\$0.00	\$0.00	\$0.00
KC0406020, Accelerator and Detector Research	0	Default WFO	Default Loc	\$514,401.99	\$0.00	\$0.00	\$0.00
KC0201060, Neutron and X-Ray Scatering	0	Default WFO	Default Loc	\$974,600.96	\$0.00	\$0.00	\$0.00
KC0406030, Long Term Surveillance and Maintenance	0	Default WFO	Default Loc	\$688,593.25	\$0.00	\$0.00	\$0.00
KC0213010, Computational Materials Sciences	0	Default WFO	Default Loc	\$2,875,000.00	\$0.00	\$0.00	\$0.00

KC0301050, Condensed Phase & Interfacial Molecular Science	0	Default WF0	Default Loc	\$63,125.86	\$0.00	\$0.00	\$0.00
KC0203020, Synthesis and Processing Science	0	Default WF0	Default Loc	\$79,184.60	\$0.00	\$0.00	\$0.00
KJ0402000, Computer Sciences Research	0	Default WF0	Default Loc	\$500,000.00	\$0.00	\$0.00	\$0.00
KJ0404000, Next Generation Networking for Science	0	Default WF0	Default Loc	\$471,000.00	\$0.00	\$0.00	\$0.00
KL1001000, Science Undergraduate Laboratory Internship	0	Default WF0	Default Loc	\$657,357.42	\$0.00	\$0.00	\$0.00
KL1002000, Community College Internship Program	0	Default WF0	Default Loc	\$139,000.95	\$0.00	\$0.00	\$0.00
KL1003000, Visiting Faculty Program	0	Default WF0	Default Loc	\$325,428.91	\$0.00	\$0.00	\$0.00
KL1500000, Outreach	0	Default WF0	Default Loc	\$40,000.00	\$0.00	\$0.00	\$0.00
KP1601040, Computational Biosciences	0	Default WF0	Default Loc	\$1,700,697.29	\$0.00	\$0.00	\$0.00
KP1602010, Radiochemistry and Imaging Instrumentation	0	Default WF0	Default Loc	\$719,579.18	\$0.00	\$0.00	\$0.00
KP1605010, Structural Biology Infrastructure	0	Default WF0	Default Loc	\$2,500,000.00	-\$1,582,426.00	\$0.00	-\$1,582,426.00
KP1701000, Atmospheric System Research	0	Default WF0	Default Loc	\$1,492,685.68	\$0.00	\$0.00	\$0.00
KP1703040, Climate Model Development and Validation	0	Default WF0	Default Loc	\$1,338,617.23	\$0.00	\$0.00	\$0.00
KA2103011, MIE	0	Default WF485486	CHEQUMIE	\$9,394,807.12	\$0.00	\$0.00	\$0.00
KA2303011, MIE	0	Default WF4809008	CHEQUMII	\$3,100,354.96	\$0.00	\$0.00	\$0.00
KC0405060, NSLS-II Experimental Tools (NEXT)	0	Default WF485469	CHEQUMIE	\$7,453,205.72	\$0.00	\$0.00	\$0.00
FS1005000, Cyber Security	0	Default WF485396	CHEQU	\$720,000.00	\$0.00	\$0.00	\$0.00
KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WF485396	CHEQU	\$1,594,000.00	\$0.00	\$0.00	\$0.00
KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WF485396	CHEQU	\$1,086,299.63	\$0.00	\$0.00	\$0.00
KC0401040, National Synchrotron Light Source II (BNL)	0	Default WF485396	CHEQU	\$6,757,308.93	\$5,600,000.00	\$0.00	\$5,600,000.00
KC0403020, Center for Functional Nanomaterials (BNL)	0	Default WF485396	CHEQU	\$2,135,454.47	\$0.00	\$0.00	\$0.00
KP1605010, Structural Biology Infrastructure	0	Default WF485396	CHEQU	\$0.00	\$1,582,426.00	\$0.00	\$1,582,426.00
39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PE	0	Default WF0	Default Loc	\$2,784,013.23	\$0.00	\$0.00	\$0.00
KA2602010, Accelerator Operations and Support	0	Default WF485395	CHAIP	\$338,106.61	\$0.00	\$0.00	\$0.00
KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WF485395	CHAIP	\$3,384,154.12	\$0.00	\$0.00	\$0.00
FS1001000, Protective Forces	0	Default WF0	Default Loc	\$0.00	\$3,898,000.00	\$0.00	\$3,898,000.00
FS1002000, Security Systems	0	Default WF0	Default Loc	\$0.00	\$515,000.00	\$0.00	\$515,000.00
FS1004000, Information Security	0	Default WF0	Default Loc	\$0.00	\$293,000.00	\$0.00	\$293,000.00
FS1005000, Cyber Security	0	Default WF0	Default Loc	\$0.00	\$1,206,000.00	\$0.00	\$1,206,000.00
FS1006000, Personnel Security	0	Default WF0	Default Loc	\$0.00	\$338,000.00	\$0.00	\$338,000.00
FS1007000, Material Control and Accountability	0	Default WF0	Default Loc	\$0.00	\$407,000.00	\$0.00	\$407,000.00
FS1009000, Program Management	0	Default WF0	Default Loc	\$0.00	\$451,000.00	\$0.00	\$451,000.00
KA2101020, National Laboratories	0	Default WF0	Default Loc	\$0.00	\$2,838,000.00	\$0.00	\$2,838,000.00
KA2102021, ATLAS Detector and Computing Support	0	Default WF0	Default Loc	\$0.00	\$12,528,953.00	\$0.00	\$12,528,953.00

KA2103011, MIE	0	Default WF 485493	CHOPEMIE \$0.00	\$1,979,000.00	\$0.00	\$1,979,000.00
KA2201020, National Laboratories	0	Default WF 0	Default Loc \$0.00	\$2,477,000.00	\$0.00	\$2,477,000.00
KA2202010, Experimental Operations and Support	0	Default WF 0	Default Loc \$0.00	\$559,000.00	\$0.00	\$559,000.00
KA2202090, Other Facilities	0	Default WF 0	Default Loc \$0.00	\$221,000.00	\$0.00	\$221,000.00
KA2301020, National Laboratories	0	Default WF 0	Default Loc \$0.00	\$873,000.00	\$0.00	\$873,000.00
KA2401012, National Laboratories	0	Default WF 0	Default Loc \$0.00	\$2,065,000.00	\$0.00	\$2,065,000.00
KA2401022, Scientific Computing	0	Default WF 0	Default Loc \$0.00	\$87,000.00	\$0.00	\$87,000.00
KA2403013, Other Projects	0	Default WF 0	Default Loc \$0.00	\$218,000.00	\$0.00	\$218,000.00
KA2501012, National Laboratories	0	Default WF 0	Default Loc \$0.00	\$125,000.00	\$0.00	\$125,000.00
KA2501021, LHC Accelerator Research	0	Default WF 0	Default Loc \$0.00	\$3,343,000.00	\$0.00	\$3,343,000.00
KA2501022, Muon Accelerators	0	Default WF 0	Default Loc \$0.00	\$143,000.00	\$0.00	\$143,000.00
KA2501032, National Laboratories	0	Default WF 0	Default Loc \$0.00	\$631,000.00	\$0.00	\$631,000.00
KA2601020, National Laboratories	0	Default WF 0	Default Loc \$0.00	\$566,000.00	\$0.00	\$566,000.00
KA2602010, Accelerator Operations and Support	0	Default WF 0	Default Loc \$0.00	\$2,072,000.00	\$0.00	\$2,072,000.00
KB0101022, Medium Energy, Other National Laboratory Research	0	Default WF 0	Default Loc \$0.00	\$1,278,200.00	\$0.00	\$1,278,200.00
KB0201021, Heavy Ion, RHIC Research	0	Default WF 0	Default Loc \$0.00	\$3,665,300.00	\$0.00	\$3,665,300.00
KB0201022, Heavy Ion, Other National Laboratory Research	0	Default WF 0	Default Loc \$0.00	\$25,000.00	\$0.00	\$25,000.00
KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WF 0	Default Loc \$0.00	\$73,132,000.00	\$0.00	\$73,132,000.00
KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WF 0	Default Loc \$0.00	\$19,520,600.00	\$0.00	\$19,520,600.00
KB0301020, Theory, National Laboratory Research	0	Default WF 0	Default Loc \$0.00	\$2,419,500.00	\$0.00	\$2,419,500.00
KB0301042, Theory, Nuclear Data, National Laboratory Research	0	Default WF 0	Default Loc \$0.00	\$2,272,700.00	\$0.00	\$2,272,700.00
KB0401022, Low Energy, Other National Laboratory Research	0	Default WF 0	Default Loc \$0.00	\$390,300.00	\$0.00	\$390,300.00
KC0201010, Structure Of Materials	0	Default WF 0	Default Loc \$0.00	\$1,658,000.00	\$0.00	\$1,658,000.00
KC0202020, Experimental Condensed Matter Physics	0	Default WF 0	Default Loc \$0.00	\$1,086,000.00	\$0.00	\$1,086,000.00
KC0202030, Condensed Matter Theory, Particle-Solid Interacti	0	Default WF 0	Default Loc \$0.00	\$856,000.00	\$0.00	\$856,000.00
KC0301020, Chemical Physics	0	Default WF 0	Default Loc \$0.00	\$892,000.00	\$0.00	\$892,000.00
KC0302010, Chemical Energy	0	Default WF 0	Default Loc \$0.00	\$2,074,000.00	\$0.00	\$2,074,000.00
KC0302030, Heavy Element Chemistry	0	Default WF 0	Default Loc \$0.00	\$122,000.00	\$0.00	\$122,000.00
KC0401040, National Synchrotron Light Source II (BNL)	0	Default WF 0	Default Loc \$0.00	\$63,478,000.00	\$0.00	\$63,478,000.00
KC0403020, Center for Functional Nanomaterials (BNL)	0	Default WF 0	Default Loc \$0.00	\$11,962,000.00	\$0.00	\$11,962,000.00
KC0202040, Mechanical Behavior and Radiation Effects	0	Default WF 0	Default Loc \$0.00	\$115,000.00	\$0.00	\$115,000.00
KC0202050, Physical Behavior of Materials	0	Default WF 0	Default Loc \$0.00	\$398,000.00	\$0.00	\$398,000.00
KC0304020, Physical Biosciences	0	Default WF 0	Default Loc \$0.00	\$1,858,000.00	\$0.00	\$1,858,000.00
KC0304030, Solar Photochemistry	0	Default WF 0	Default Loc \$0.00	\$3,453,000.00	\$0.00	\$3,453,000.00

KC0406020, Accelerator and Detector Research	0	Default WF0	Default Loc \$0.00	\$298,000.00	\$0.00	\$298,000.00
KC0201060, Neutron and X-Ray Scatering	0	Default WF0	Default Loc \$0.00	\$1,351,000.00	\$0.00	\$1,351,000.00
KC0406030, Long Term Surveillance and Maintenance	0	Default WF0	Default Loc \$0.00	\$4,154,000.00	\$0.00	\$4,154,000.00
KC0301050, Condensed Phase & Interfacial Molecular Science	0	Default WF0	Default Loc \$0.00	\$716,000.00	\$0.00	\$716,000.00
KC0201070, X-Ray Scattering	0	Default WF0	Default Loc \$0.00	\$748,000.00	\$0.00	\$748,000.00
KC0203020, Synthesis and Processing Science	0	Default WF0	Default Loc \$0.00	\$1,395,000.00	\$0.00	\$1,395,000.00
KJ0404000, Next Generation Networking for Science	0	Default WF0	Default Loc \$0.00	\$730,000.00	\$0.00	\$730,000.00
KJ0402010, Computer Sciences - Research	0	Default WF0	Default Loc \$0.00	\$450,000.00	\$0.00	\$450,000.00
KL1001000, Science Undergraduate Laboratory Internship	0	Default WF0	Default Loc \$0.00	\$1,050,000.00	\$0.00	\$1,050,000.00
KL1002000, Community College Internship Program	0	Default WF0	Default Loc \$0.00	\$140,000.00	\$0.00	\$140,000.00
KL1003000, Visiting Faculty Program	0	Default WF0	Default Loc \$0.00	\$120,000.00	\$0.00	\$120,000.00
KP1601040, Computational Biosciences	0	Default WF0	Default Loc \$0.00	\$432,000.00	\$0.00	\$432,000.00
KP1605010, Structural Biology Infrastructure	0	Default WF0	Default Loc \$0.00	\$1,444,000.00	\$0.00	\$1,444,000.00
KP1701000, Atmospheric System Research	0	Default WF0	Default Loc \$0.00	\$2,930,000.00	\$0.00	\$2,930,000.00
KP1703020, Earth System Modeling	0	Default WF0	Default Loc \$0.00	\$146,000.00	\$0.00	\$146,000.00
KP1703040, Climate Model Development and Validation	0	Default WF0	Default Loc \$0.00	\$691,000.00	\$0.00	\$691,000.00
KA2103011, MIE	0	Default WF485486	CHEQUMIE \$0.00	\$4,520,000.00	\$0.00	\$4,520,000.00
KA2303011, MIE	0	Default WF4809008	CHEQUMII \$0.00	\$2,000,000.00	\$0.00	\$2,000,000.00
KA2403013, Other Projects	0	Default WF485396	CHEQU \$0.00	\$750,000.00	\$0.00	\$750,000.00
KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WF485396	CHEQU \$0.00	\$610,900.00	\$0.00	\$610,900.00
KB0202012, Heavy Ion, RHIC Experimental Support	0	Default WF485396	CHEQU \$0.00	\$1,507,700.00	\$0.00	\$1,507,700.00
KC0401040, National Synchrotron Light Source II (BNL)	0	Default WF485396	CHEQU \$0.00	\$5,200,000.00	\$0.00	\$5,200,000.00
39KA00000PRN11SC40000, Long Baseline Neutrino Experiment (PE	0	Default WF0	Default Loc \$0.00	\$4,050,000.00	\$700,000.00	\$4,750,000.00
KA2602010, Accelerator Operations and Support	0	Default WF485395	CHAIP \$0.00	\$667,000.00	\$0.00	\$667,000.00
KB0202011, Heavy Ion, RHIC Accelerator Operations	0	Default WF485395	CHAIP \$0.00	\$1,322,800.00	\$0.00	\$1,322,800.00
456165021, Cooperative Research And Development Agreements	4860866	CHAGR872 0	Default Loc \$7,384.70	-\$7,384.70	\$0.00	-\$7,384.70
456165021, Cooperative Research And Development Agreements	4860797	CHAGR871 0	Default Loc \$6,782.16	\$0.00	-\$397.65	-\$397.65
456165021, Cooperative Research And Development Agreements	4860839	CHAGR872 0	Default Loc \$223.96	-\$222.26	\$0.00	-\$222.26
456165021, Cooperative Research And Development Agreements	4860747	CHAGR871 0	Default Loc \$90,913.13	\$0.00	\$0.00	\$0.00
456165021, Cooperative Research And Development Agreements	4860892	CHAGR872 0	Default Loc \$127,652.31	\$0.00	-\$173.18	-\$173.18
456165021, Cooperative Research And Development Agreements	4860926	CHAGR872 0	Default Loc \$34,951.46	\$0.00	\$0.00	\$0.00
456165021, Cooperative Research And Development Agreements	4860934	CHAGR873 0	Default Loc \$211,230.10	\$0.00	\$0.00	\$0.00
456165021, Cooperative Research And Development Agreements	4860958	CHAGR873 0	Default Loc \$0.08	-\$0.08	\$0.00	-\$0.08
456165021, Cooperative Research And Development Agreements	4860983	CHAGR840 0	Default Loc \$7,979.17	-\$146.16	\$0.00	-\$146.16

456165021, Cooperative Research And Development Agreements	4861014	CHAGR840 0	Default Loc \$75,000.00	\$0.00	\$0.00	\$0.00
456165021, Cooperative Research And Development Agreements	4860747	CHAGR871 0	Default Loc \$0.00	\$263,637.88	\$24,302.91	\$287,940.79
456165021, Cooperative Research And Development Agreements	4861004	CHAGR841 0	Default Loc \$0.00	\$72,815.53	\$0.00	\$72,815.53
456165021, Cooperative Research And Development Agreements	4861014	CHAGR840 0	Default Loc \$0.00	\$0.00	\$2,318.95	\$2,318.95
456160031, Industry - Domestic	4860840	CHAGR872 0	Default Loc \$9,492.10	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860871	CHAGR872 0	Default Loc \$238,428.09	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860857	CHAGR872 0	Default Loc \$1,701.35	-\$1,701.35	\$0.00	-\$1,701.35
456160031, Industry - Domestic	4860868	CHAGR872 0	Default Loc \$14,199.38	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860880	CHAGR872 0	Default Loc \$11,542.04	-\$3,346.80	\$0.00	-\$3,346.80
456160031, Industry - Domestic	4860883	CHAGR872 0	Default Loc \$1,002.84	-\$1,002.84	\$0.00	-\$1,002.84
456160031, Industry - Domestic	4860577	CHAGR870 0	Default Loc \$2,163.30	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860686	CHAGR878 0	Default Loc \$20,689.98	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860731	CHAGR873 0	Default Loc \$70,279.39	-\$70,279.39	\$0.00	-\$70,279.39
456160031, Industry - Domestic	4860748	CHAGR871 0	Default Loc \$60,105.55	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860811	CHAGR872 0	Default Loc \$3,496.65	-\$3,496.65	\$0.00	-\$3,496.65
456160031, Industry - Domestic	4860831	CHAGR872 0	Default Loc \$20,850.43	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860854	CHAGR872 0	Default Loc \$3,348.85	-\$97.46	\$0.00	-\$97.46
456160031, Industry - Domestic	4860868	CHAGR872 0	Default Loc \$3,753.21	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860871	CHAGR872 0	Default Loc \$13,578.50	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860878	CHAGR872 0	Default Loc \$24,660.64	-\$24,660.64	\$0.00	-\$24,660.64
456160031, Industry - Domestic	4860880	CHAGR872 0	Default Loc \$3,397.00	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860883	CHAGR872 0	Default Loc \$327.03	-\$327.03	\$0.00	-\$327.03
456160031, Industry - Domestic	4860893	CHAGR873 0	Default Loc \$7,832.17	-\$1,533.21	\$0.00	-\$1,533.21
456160031, Industry - Domestic	4860916	CHAGR872 0	Default Loc \$3,767.67	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860922	CHAGR872 0	Default Loc \$40,366.79	-\$40,358.77	\$0.00	-\$40,358.77
456160031, Industry - Domestic	4860928	CHAGR873 0	Default Loc \$908.26	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860929	CHAGR872 0	Default Loc \$2,034.98	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860931	CHAGR872 0	Default Loc \$2,111.25	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860935	CHAGR872 0	Default Loc \$0.04	-\$0.04	\$0.00	-\$0.04
456160031, Industry - Domestic	4860936	CHAGR872 0	Default Loc \$6,865.03	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860943	CHAGR873 0	Default Loc \$375,478.83	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860944	CHAGR873 0	Default Loc \$8,509.56	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860946	CHAGR873 0	Default Loc \$70,958.66	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860949	CHAGR873 0	Default Loc \$71,848.46	-\$26,593.12	\$0.00	-\$26,593.12

456160031, Industry - Domestic	4860963	CHAGR873 0	Default Loc \$548.42	-\$548.42	\$0.00	-\$548.42
456160031, Industry - Domestic	4860969	CHAGR873 0	Default Loc \$42,584.48	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860971	CHAGR873 0	Default Loc \$46,830.12	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860972	CHAGR873 0	Default Loc \$20,444.14	-\$14,769.43	\$0.00	-\$14,769.43
456160031, Industry - Domestic	4860976	CHAGR873 0	Default Loc \$3,072.52	-\$3,072.52	\$0.00	-\$3,072.52
456160031, Industry - Domestic	4860977	CHAGR873 0	Default Loc \$11,474.22	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860981	CHAGR873 0	Default Loc \$0.02	-\$0.02	\$0.00	-\$0.02
456160031, Industry - Domestic	4860985	CHAGR840 0	Default Loc \$2,473.53	\$0.00	-\$2,473.53	-\$2,473.53
456160031, Industry - Domestic	4860986	CHAGR840 0	Default Loc \$120.20	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860987	CHAGR840 0	Default Loc \$51,066.81	-\$50,000.00	-\$6.48	-\$50,006.48
456160031, Industry - Domestic	4860990	CHAGR840 0	Default Loc \$104,046.13	-\$70,594.98	\$0.00	-\$70,594.98
456160031, Industry - Domestic	4860998	CHAGR840 0	Default Loc \$15,000.00	\$0.00	-\$367.62	-\$367.62
456160031, Industry - Domestic	4860999	CHAGR841 0	Default Loc \$39,948.28	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4861003	CHAGR840 0	Default Loc \$83,388.97	\$0.00	\$0.00	\$0.00
456160032, Industry - Foreign	4801577	CHAGR878 0	Default Loc \$1,904.38	\$0.00	\$0.00	\$0.00
456160032, Industry - Foreign	4860800	CHAGR871 0	Default Loc \$15,420.15	\$0.00	\$0.00	\$0.00
456160032, Industry - Foreign	4860813	CHAGR872 0	Default Loc \$18,066.55	\$0.00	\$0.00	\$0.00
456160032, Industry - Foreign	4860874	CHAGR872 0	Default Loc \$113,277.89	\$0.00	\$0.00	\$0.00
456160032, Industry - Foreign	4860908	CHAGR872 0	Default Loc \$1,845.92	-\$55.50	\$0.00	-\$55.50
456160032, Industry - Foreign	4860919	CHAGR873 0	Default Loc \$35,369.90	\$0.00	-\$14.52	-\$14.52
456160032, Industry - Foreign	4860924	CHAGR874 0	Default Loc \$814.13	\$0.00	\$0.00	\$0.00
456160032, Industry - Foreign	4860956	CHAGR873 0	Default Loc \$6,176.33	-\$6,176.33	\$0.00	-\$6,176.33
456160032, Industry - Foreign	4860975	CHAGR873 0	Default Loc \$40,638.41	\$0.00	\$0.00	\$0.00
456160032, Industry - Foreign	4860978	CHAGR873 0	Default Loc \$2,812.51	\$0.00	\$0.00	\$0.00
456160032, Industry - Foreign	4860984	CHAGR840 0	Default Loc \$2,632.19	\$0.00	\$0.00	\$0.00
456160032, Industry - Foreign	4860988	CHAGR840 0	Default Loc \$4.30	-\$4.30	\$0.00	-\$4.30
456160032, Industry - Foreign	4861000	CHAGR840 0	Default Loc \$2,475.82	\$0.00	-\$14.01	-\$14.01
456160032, Industry - Foreign	4861001	CHAGR841 0	Default Loc \$26,257.02	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860748	CHAGR871 0	Default Loc \$0.00	\$34,468.16	\$0.00	\$34,468.16
456160031, Industry - Domestic	4860916	CHAGR872 0	Default Loc \$0.00	\$65,121.12	\$0.00	\$65,121.12
456160031, Industry - Domestic	4860928	CHAGR873 0	Default Loc \$0.00	\$0.00	\$115,742.00	\$115,742.00
456160031, Industry - Domestic	4860936	CHAGR872 0	Default Loc \$0.00	\$9,874.47	\$2,616.56	\$12,491.03
456160031, Industry - Domestic	4860943	CHAGR873 0	Default Loc \$0.00	\$0.00	\$35,000.00	\$35,000.00
456160031, Industry - Domestic	4860946	CHAGR873 0	Default Loc \$0.00	\$101,049.14	\$0.00	\$101,049.14

456160031, Industry - Domestic	4860949	CHAGR873 0	Default Loc \$0.00	\$103,987.74	\$0.00	\$103,987.74
456160031, Industry - Domestic	4860969	CHAGR873 0	Default Loc \$0.00	\$78,731.72	\$0.00	\$78,731.72
456160031, Industry - Domestic	4860971	CHAGR873 0	Default Loc \$0.00	\$138,197.03	\$0.00	\$138,197.03
456160031, Industry - Domestic	4860977	CHAGR873 0	Default Loc \$0.00	\$84,104.86	\$0.00	\$84,104.86
456160031, Industry - Domestic	4860982	CHAGR840 0	Default Loc \$0.00	\$95,986.00	\$0.00	\$95,986.00
456160031, Industry - Domestic	4860986	CHAGR840 0	Default Loc \$0.00	\$20,276.36	\$7,096.04	\$27,372.40
456160031, Industry - Domestic	4860989	CHAGR840 0	Default Loc \$0.00	\$10,000.00	\$8,793.41	\$18,793.41
456160031, Industry - Domestic	4861003	CHAGR840 0	Default Loc \$0.00	\$177,184.47	\$24,271.84	\$201,456.31
456160031, Industry - Domestic	4861009	CHAGR841 0	Default Loc \$0.00	\$7,000.00	\$0.00	\$7,000.00
456160031, Industry - Domestic	4861016	CHAGR840 0	Default Loc \$0.00	\$28,112.30	\$0.00	\$28,112.30
456160031, Industry - Domestic	4861017	CHAGR841 0	Default Loc \$0.00	\$8,000.00	\$0.00	\$8,000.00
456160031, Industry - Domestic	4861018	CHAGR840 0	Default Loc \$0.00	\$14,321.39	-\$0.01	\$14,321.38
456160031, Industry - Domestic	4861019	CHAGR840 0	Default Loc \$0.00	\$6,009.66	\$0.00	\$6,009.66
456160031, Industry - Domestic	4861020	CHAGR840 0	Default Loc \$0.00	\$99,093.52	\$0.00	\$99,093.52
456160031, Industry - Domestic	4861021	CHAGR840 0	Default Loc \$0.00	\$15,000.00	\$5,877.05	\$20,877.05
456160031, Industry - Domestic	4861022	CHAGR841 0	Default Loc \$0.00	\$2,159,715.59	\$863,956.63	\$3,023,672.22
456160031, Industry - Domestic	4861023	CHAGR840 0	Default Loc \$0.00	\$90,000.00	\$0.00	\$90,000.00
456160031, Industry - Domestic	4861026	CHAGR840 0	Default Loc \$0.00	\$60,000.00	\$0.00	\$60,000.00
456160031, Industry - Domestic	4861027	CHAGR840 0	Default Loc \$0.00	\$22,087.45	\$0.00	\$22,087.45
456160031, Industry - Domestic	4861028	CHAGR841 0	Default Loc \$0.00	\$4,563.11	\$0.00	\$4,563.11
456160031, Industry - Domestic	4861030	CHAGR840 0	Default Loc \$0.00	\$15,000.00	\$0.00	\$15,000.00
456160031, Industry - Domestic	4861034	CHAGR840 0	Default Loc \$0.00	\$0.00	\$66,262.37	\$66,262.37
456160032, Industry - Foreign	4801577	CHAGR878 0	Default Loc \$0.00	\$22,815.53	\$22,815.53	\$45,631.06
456160032, Industry - Foreign	4860800	CHAGR871 0	Default Loc \$0.00	\$75,728.16	\$0.00	\$75,728.16
456160032, Industry - Foreign	4860813	CHAGR872 0	Default Loc \$0.00	\$73,287.38	\$60,986.89	\$134,274.27
456160032, Industry - Foreign	4860874	CHAGR872 0	Default Loc \$0.00	\$52,736.43	\$1,336.94	\$54,073.37
456160032, Industry - Foreign	4860975	CHAGR873 0	Default Loc \$0.00	\$18,176.25	\$14,708.99	\$32,885.24
456160032, Industry - Foreign	4860978	CHAGR873 0	Default Loc \$0.00	\$45,805.54	\$0.00	\$45,805.54
456160032, Industry - Foreign	4860984	CHAGR840 0	Default Loc \$0.00	\$74,314.20	\$0.00	\$74,314.20
456160032, Industry - Foreign	4861001	CHAGR841 0	Default Loc \$0.00	\$30,627.43	\$863.83	\$31,491.26
456160032, Industry - Foreign	4861015	CHAGR840 0	Default Loc \$0.00	\$2,217,330.10	\$0.00	\$2,217,330.10
456160032, Industry - Foreign	4861032	CHAGR841 0	Default Loc \$0.00	\$87,378.64	\$0.00	\$87,378.64
456167SC0, Office of Science (SC)	4860823	CHAGR872 0	Default Loc \$53,343.14	\$0.00	\$0.00	\$0.00
456167SC0, Office of Science (SC)	4860826	CHAGR872 0	Default Loc \$23,465.53	\$0.00	\$0.00	\$0.00

456167SC0, Office of Science (SC)	4860834	CHAGR872 0	Default Loc	\$200,083.97	\$0.00	\$0.00	\$0.00
456167SC0, Office of Science (SC)	4860834	CHAGR872 0	Default Loc	\$0.00	\$0.00	\$50,000.00	\$50,000.00
456167SC0, Office of Science (SC)	4861010	CHAGR873 0	Default Loc	\$0.00	\$1,699,029.13	\$0.00	\$1,699,029.13
WA2230100, Other Related Expenses - Contractual Services	0	Default WF 302064	Climate REI	\$40,000.00	\$0.00	\$0.00	\$0.00
WA2230100, Other Related Expenses - Contractual Services	0	Default WF 0	Default Loc	\$54,145.26	\$0.00	\$0.00	\$0.00
WN0219060, State and Local Governments and Non-Profit Organi	4860825	CHAGR872 0	Default Loc	\$17,728.79	\$0.00	\$0.00	\$0.00
DP1204010, Secondary Assessment Technologies	0	Default WF 0	Default Loc	\$2,310.04	\$0.00	\$0.00	\$0.00
DP4011093, Nuclear Counterterrorism	0	Default WF 0	Default Loc	\$2,057.91	\$0.00	\$0.00	\$0.00
DP4015011 - Radiological Assistance Program	0	Default WF 0	Default Loc	\$0.01	\$0.00	\$0.00	\$0.00
DP4015042 - Direct Response Program	0	Default WF 0	Default Loc	\$256.73	\$0.00	\$0.00	\$0.00
DP4015043 - Exercise Program	0	Default WF 0	Default Loc	\$1,659.63	\$0.00	\$0.00	\$0.00
DP8000000, Counterterrorism and Counterproliferation Program	0	Default WF 0	Default Loc	\$50,000.00	\$0.00	\$0.00	\$0.00
DP0909010, Nuclear Criticality Safety Program	0	Default WF 0	Default Loc	\$28,101.77	\$0.00	\$0.00	\$0.00
DP0909010, Nuclear Criticality Safety Program	0	Default WF 0	Default Loc	\$0.00	\$124,265.00	\$0.00	\$124,265.00
HQ1001000, Worker Advocacy	0	Default WF 0	Default Loc	\$13,885.65	\$0.00	\$0.00	\$0.00
HQ1001000, Worker Advocacy	0	Default WF 0	Default Loc	\$0.00	\$20,000.00	\$0.00	\$20,000.00
GD2540250, CI Training	0	Default WF 0	Default Loc	\$38,022.43	\$0.00	\$0.00	\$0.00
GD6020100, Analysis	0	Default WF 0	Default Loc	\$95,177.67	\$0.00	\$0.00	\$0.00
GD6020300, Investigations	0	Default WF 0	Default Loc	\$620,975.87	\$0.00	\$0.00	\$0.00
GD6020400, CI Training	0	Default WF 0	Default Loc	\$27,779.43	\$0.00	\$0.00	\$0.00
GD6020900, Office of The SCIO	0	Default WF 0	Default Loc	\$284,128.50	\$0.00	\$0.00	\$0.00
GD6050100, CYBER & OPERATIONS	0	Default WF 0	Default Loc	\$31,971.53	\$0.00	\$0.00	\$0.00
GD6020100, Analysis	0	Default WF 0	Default Loc	\$0.00	\$219,285.00	\$0.00	\$219,285.00
GD6020300, Investigations	0	Default WF 0	Default Loc	\$0.00	\$940,691.00	\$0.00	\$940,691.00
GD6020400, CI Training	0	Default WF 0	Default Loc	\$0.00	\$25,765.00	\$0.00	\$25,765.00
GD6020900, Office of The SCIO	0	Default WF 0	Default Loc	\$0.00	\$496,969.00	\$0.00	\$496,969.00
GD6050100, CYBER & OPERATIONS	0	Default WF 0	Default Loc	\$0.00	\$120,000.00	\$0.00	\$120,000.00
GD6050200, Technical Services	0	Default WF 0	Default Loc	\$0.00	\$214,723.00	\$0.00	\$214,723.00
CS7000000, Integrated Joint Cybersecurity Coordination Cente	0	Default WF 0	Default Loc	\$173,407.96	\$0.00	\$0.00	\$0.00
NN4010010, International Nonproliferation Export Control	0	Default WF 0	Default Loc	\$7,926.55	\$0.00	\$0.00	\$0.00
NN5002010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WF 0	Default Loc	\$109,686.53	-\$278.80	\$0.00	-\$278.80
NN5004010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WF 0	Default Loc	\$240,667.55	\$0.00	\$0.00	\$0.00
NN5003040, US Costs for Non Russia/Non-Newly Independent Sta	0	Default WF 0	Default Loc	\$2,868.79	\$0.00	\$0.00	\$0.00
NN4010021, US Costs for Russia/Newly Independent States	0	Default WF 0	Default Loc	\$5,882.97	\$0.00	\$0.00	\$0.00

NN5001010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO	Default Loc \$3,898.41	\$0.00	\$0.00	\$0.00
NN5002020, In-Country Costs for Russia/Newly Independent Sta	0	Default WFO	Default Loc \$1,797,650.48	-\$666,770.00	\$0.00	-\$666,770.00
NN5004010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO	Default Loc \$118,720.00	\$0.00	\$0.00	\$0.00
NN5004020, In-Country Costs for Russia/Newly Independent Sta	0	Default WFO	Default Loc \$303,914.10	\$0.00	\$0.00	\$0.00
NN5006010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO	Default Loc \$4.97	-\$4.97	\$0.00	-\$4.97
NN5070010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO	Default Loc \$12,375.31	\$0.00	\$0.00	\$0.00
NN5070040, US Costs for Non Russia/Non-Newly Independent Sta	0	Default WFO	Default Loc \$27,382.94	\$0.00	\$0.00	\$0.00
NN500W000, M&O Contractor Employee Costs (at Headquarters)	0	Default WFO	Default Loc \$51,312.90	-\$51,312.90	\$0.00	-\$51,312.90
NN9301000, Domestic Nuclear and Radiological Material Protec	0	Default WFO	Default Loc \$5,557.99	\$0.00	\$0.00	\$0.00
NN2001000, Nonproliferation Detection	0	Default WFO	Default Loc \$40,296.10	\$0.00	\$0.00	\$0.00
NN4009010, Safeguards Policy and Human Resources	0	Default WFO	Default Loc \$90,568.64	\$0.00	\$0.00	\$0.00
NN4009020, DO NOT USE!!! Safeguards Engagement	0	Default WFO	Default Loc \$115,983.55	\$0.00	\$0.00	\$0.00
NN4009030, Safeguards Technology Development	0	Default WFO	Default Loc \$28,488.59	-\$18,567.31	\$0.00	-\$18,567.31
NN4011010, Warhead Dismantlement and Fissile Material Transp	0	Default WFO	Default Loc \$0.03	\$0.00	-\$0.03	-\$0.03
NN4011020, Nuclear Noncompliance Verification	0	Default WFO	Default Loc \$12,700.54	\$0.00	\$0.00	\$0.00
NN4012010, Global Regimes	0	Default WFO	Default Loc \$15,681.30	\$0.00	\$0.00	\$0.00
NN4012030, Multilateral Supplier Policy	0	Default WFO	Default Loc \$3,279.15	\$0.00	-\$0.15	-\$0.15
NN4012040, Policy Studies and Support	0	Default WFO	Default Loc \$91,216.46	\$0.00	\$0.00	\$0.00
NN5002010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO	Default Loc \$1,170,606.82	-\$666,770.00	\$0.00	-\$666,770.00
NN5002020, In-Country Costs for Russia/Newly Independent Sta	0	Default WFO	Default Loc \$612,798.16	\$666,770.00	\$0.00	\$666,770.00
NN5004010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO	Default Loc \$153,515.04	\$0.00	\$0.00	\$0.00
NN5004020, In-Country Costs for Russia/Newly Independent Sta	0	Default WFO	Default Loc \$29.25	\$0.00	\$0.00	\$0.00
NN5005011, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO	Default Loc \$234,731.14	\$0.00	\$0.00	\$0.00
NN5002040, US Costs for Non Russia/Non-Newly Independent Sta	0	Default WFO	Default Loc \$80,517.16	\$0.00	\$0.00	\$0.00
NN5070010, U.S. Costs for Russia/Newly Independent States Pr	0	Default WFO	Default Loc \$1,148.73	\$0.00	\$0.00	\$0.00
NN5070040, US Costs for Non Russia/Non-Newly Independent Sta	0	Default WFO	Default Loc \$15,000.00	\$0.00	\$0.00	\$0.00
NN9100000, Highly Enriched Uranium (HEU) Reactor Conversion	0	Default WFO	Default Loc \$4,283.61	\$0.00	\$0.00	\$0.00
NN9301000, Domestic Nuclear and Radiological Material Protec	0	Default WFO	Default Loc \$50,000.00	\$0.00	\$0.00	\$0.00
CT8101000, Nuclear Incident Policy and Cooperation	0	Default WFO	Default Loc \$55,526.01	\$0.00	\$0.00	\$0.00
CT8401000, Radiological Assistance Program (RAP)	0	Default WFO	Default Loc \$75,498.15	\$0.00	\$0.00	\$0.00
CT8404010, Evaluation, Exercise, Readiness, and Response Sup	0	Default WFO	Default Loc \$101,821.47	\$0.00	\$0.00	\$0.00
CT8405010, Technology Integration (TI)	0	Default WFO	Default Loc \$4,200.90	-\$2,702.38	\$0.00	-\$2,702.38
DN1001011, U.S. Costs for Russia/Newly Independent State Pro	0	Default WFO	Default Loc \$231,051.41	\$0.00	\$0.00	\$0.00
DN1001021, U.S. Costs for Russia/Newly Independent State Pro	0	Default WFO	Default Loc \$704,027.86	\$0.00	\$0.00	\$0.00

DN1003011, U.S. Costs for Russia/Newly Independent State Pro	0	Default WF0	Default Loc \$40,000.00	\$0.00	\$0.00	\$0.00
DN2001000, Proliferation Detection	0	Default WF0	Default Loc \$367,968.12	\$0.00	\$0.00	\$0.00
DN3001010, Highly Enriched Uranium (HEU) Reactor Conversion	0	Default WF0	Default Loc \$130,977.11	\$0.00	\$0.00	\$0.00
DN4001010, Safeguards Policy	0	Default WF0	Default Loc \$333,801.45	\$0.00	\$0.00	\$0.00
DN4001020, Safeguards Engagement (INSEP)	0	Default WF0	Default Loc \$543,679.17	-\$2,196.00	\$0.00	-\$2,196.00
DN4001030, Safeguards Technology Development	0	Default WF0	Default Loc \$24,431.56	\$0.00	\$0.00	\$0.00
DN4003010, Warhead Dismantlement and Fissile Material Transp	0	Default WF0	Default Loc \$18,664.46	\$0.00	\$0.00	\$0.00
DN4003020, Nuclear Noncompliance Verification	0	Default WF0	Default Loc \$119,435.40	\$0.00	\$0.00	\$0.00
DN4004010, Global Regimes	0	Default WF0	Default Loc \$134,656.26	\$0.00	\$0.00	\$0.00
DN4004030, Multilateral Supplier Policy	0	Default WF0	Default Loc \$131,792.22	\$0.00	\$0.00	\$0.00
CT8101000, Nuclear Incident Policy and Cooperation	0	Default WF0	Default Loc \$0.00	\$343,042.00	\$0.00	\$343,042.00
CT8401000, Radiological Assistance Program (RAP)	0	Default WF0	Default Loc \$0.00	\$953,172.00	\$0.00	\$953,172.00
CT8404010, Evaluation, Exercise, Readiness, and Response Sup	0	Default WF0	Default Loc \$0.00	\$135,600.00	\$0.00	\$135,600.00
CT8405010, Technology Integration (TI)	0	Default WF0	Default Loc \$0.00	\$11,347.00	\$0.00	\$11,347.00
DN1001011, U.S. Costs for Russia/Newly Independent State Pro	0	Default WF0	Default Loc \$0.00	\$140,000.00	\$0.00	\$140,000.00
DN1003011, U.S. Costs for Russia/Newly Independent State Pro	0	Default WF0	Default Loc \$0.00	\$0.00	\$229,487.78	\$229,487.78
DN2001000, Proliferation Detection	0	Default WF0	Default Loc \$0.00	\$1,455,670.00	\$0.00	\$1,455,670.00
DN3001010, Highly Enriched Uranium (HEU) Reactor Conversion	0	Default WF0	Default Loc \$0.00	\$458,450.00	\$0.00	\$458,450.00
DN3001020, Molybdenum-99 (Mo-99)	0	Default WF0	Default Loc \$0.00	\$20,000.00	\$0.00	\$20,000.00
DN4001010, Safeguards Policy	0	Default WF0	Default Loc \$0.00	\$580,447.30	\$0.00	\$580,447.30
DN4001020, Safeguards Engagement (INSEP)	0	Default WF0	Default Loc \$0.00	\$904,402.07	\$0.00	\$904,402.07
DN4001030, Safeguards Technology Development	0	Default WF0	Default Loc \$0.00	\$319,228.79	\$0.00	\$319,228.79
DN4003020, Nuclear Noncompliance Verification	0	Default WF0	Default Loc \$0.00	\$256,426.81	\$0.00	\$256,426.81
DN4004010, Global Regimes	0	Default WF0	Default Loc \$0.00	\$46,330.03	\$0.00	\$46,330.03
DN4004040, Policy Studies and Support	0	Default WF0	Default Loc \$0.00	\$50,000.00	\$0.00	\$50,000.00
NN5010000, International Contributions UK	0	Default WF0	Default Loc \$50,324.10	\$0.00	\$0.00	\$0.00
PS0202132, Advisory and Assistance, Diversity Programs	0	Default WF0	Default Loc \$38,795.51	\$0.00	\$0.00	\$0.00
PS0202200, A&A, Counterterrorism	0	Default WF0	Default Loc \$2,019.15	\$0.00	\$0.00	\$0.00
EZ5012300 - BRNL-0030 Soil and Water Remediation - Brookhave	0	Default WF0	Default Loc \$522,109.05	\$0.00	\$0.00	\$0.00
EZ5012300 - BRNL-0030 Soil and Water Remediation - Brookhave	0	Default WF0	Default Loc \$47.62	\$0.00	\$0.00	\$0.00
ST5001020, Brookhaven Linear Isotope Producer (BLIP)	0	Default WF0	Default Loc \$506,852.52	\$0.00	\$0.00	\$0.00
ST6001031, Production	0	Default WF0	Default Loc \$0.00	\$0.00	\$212,749.03	\$212,749.03
ST5001040, Actinium-225 Technology Research and Integration	0	Default WF0	Default Loc \$107,238.58	\$0.00	\$0.00	\$0.00
ST6001034, Facility Upgrades	0	Default WF 485395	CHAIP \$378,714.95	\$0.00	\$0.00	\$0.00

ST5001030, Other National Lab Research	0	Default WFO	Default Loc \$11,925.21	\$0.00	\$0.00	\$0.00
ST6001034, Facility Upgrades	0	Default WFO	Default Loc \$49,875.62	\$0.00	\$0.00	\$0.00
ST6001031, Production	0	Default WFO	Default Loc \$0.00	\$0.00	\$190,243.59	\$190,243.59
ST6001034, Facility Upgrades	0	Default WF 485395	CHAIP \$152,000.00	\$0.00	\$0.00	\$0.00
ST5001030, Other National Lab Research	0	Default WFO	Default Loc \$220,833.12	\$185,000.00	\$0.00	\$185,000.00
ST5002000, University Research	0	Default WFO	Default Loc \$147,084.32	\$0.00	\$0.00	\$0.00
ST6001020, Brookhaven Linear Isotope Producer (BLIP)	0	Default WFO	Default Loc \$234,931.66	\$140,000.00	\$0.00	\$140,000.00
ST6001032, Hot Cell and Other National Lab Facilities	0	Default WFO	Default Loc \$1,427,585.71	\$600,000.00	\$0.00	\$600,000.00
ST6001036, Technical Services	0	Default WFO	Default Loc \$20,289.84	\$0.00	\$0.00	\$0.00
ST6001031, Production	0	Default WFO	Default Loc \$2,217,227.76	\$0.00	\$358,007.38	\$358,007.38
ST5001040, Actinium-225 Technology Research and Integration	0	Default WFO	Default Loc \$0.00	\$100,000.00	\$0.00	\$100,000.00
ST5001030, Other National Lab Research	0	Default WFO	Default Loc \$0.00	\$212,000.00	\$0.00	\$212,000.00
ST6001020, Brookhaven Linear Isotope Producer (BLIP)	0	Default WFO	Default Loc \$0.00	\$208,000.00	\$0.00	\$208,000.00
ST6001032, Hot Cell and Other National Lab Facilities	0	Default WFO	Default Loc \$0.00	\$755,000.00	\$0.00	\$755,000.00
ST6001031, Production	0	Default WFO	Default Loc \$0.00	\$1,790,000.00	\$0.00	\$1,790,000.00
TE1103000, Advanced Modeling Grid Research	0	Default WFO	Default Loc \$8,661.50	\$0.00	\$0.00	\$0.00
TE1201000, Smart Grid	0	Default WFO	Default Loc \$31,959.55	\$0.00	\$0.00	\$0.00
TE1103000, Advanced Modeling Grid Research	0	Default WFO	Default Loc \$20,611.00	\$0.00	\$0.00	\$0.00
TE1201000, Smart Grid	0	Default WFO	Default Loc \$26,357.24	\$0.00	\$0.00	\$0.00
TE1400000, Energy Storage	0	Default WFO	Default Loc \$56.79	\$0.00	\$0.00	\$0.00
TG0100000, Infrastructure Security and Energy Restoration	0	Default WFO	Default Loc \$63.25	\$0.00	-\$63.25	-\$63.25
TE1103000, Advanced Modeling Grid Research	0	Default WFO	Default Loc \$67,432.00	\$0.00	\$0.00	\$0.00
TE1101000, Transmission Reliability & Renewables Integration	0	Default WFO	Default Loc \$7,976.36	\$0.00	\$0.00	\$0.00
TE1104000, Energy Systems Predictive Capability	0	Default WFO	Default Loc \$250,799.93	\$0.00	\$0.00	\$0.00
TE1201000, Smart Grid	0	Default WFO	Default Loc \$2,347.00	\$0.00	\$0.00	\$0.00
TE1203000, Advance Distribution Management System	0	Default WFO	Default Loc \$276.08	\$0.00	-\$124.89	-\$124.89
TE1204000, Market-Based Control Signal	0	Default WFO	Default Loc \$2,804.90	\$0.00	\$0.00	\$0.00
TE1205000, Resilient Electric Distribution Grid R&D	0	Default WFO	Default Loc \$83,643.81	\$0.00	\$0.00	\$0.00
TE1206000, Advanced Secure Low-cost Sensors	0	Default WFO	Default Loc \$45,945.00	\$0.00	\$0.00	\$0.00
TE1301000, Cyber for Energy Security R&D	0	Default WFO	Default Loc \$32,823.22	-\$58.76	\$0.00	-\$58.76
TE1302000, Cyber for Energy Security OPS	0	Default WFO	Default Loc \$8,312.99	\$0.00	\$0.00	\$0.00
TE1305000, Virtual Energy Sector Forensics Analysis Platform	0	Default WFO	Default Loc \$49,649.35	\$0.00	\$0.00	\$0.00
TE1400000, Energy Storage	0	Default WFO	Default Loc \$3,750.00	\$0.00	\$0.00	\$0.00
TF0000000, National Electricity Delivery	0	Default WFO	Default Loc \$4,790.55	\$0.00	\$0.00	\$0.00

TE1104010, Monitoring and Real-Time Analysis	0	Default WF0	Default Loc \$0.00	\$0.00	\$20,000.00	\$20,000.00
TE1301000, Cyber for Energy Security R&D	0	Default WF0	Default Loc \$0.00	\$0.00	\$5,600.00	\$5,600.00
TE1400000, Energy Storage	0	Default WF0	Default Loc \$0.00	\$7,500.00	\$0.00	\$7,500.00
NT0104000, Reactor Materials	0	Default WF0	Default Loc \$98,115.68	\$0.00	\$0.00	\$0.00
AF5832030, Program Assessment & Coordination	0	Default WF 301604	CHNE-0301 \$2,668.83	\$0.00	\$0.00	\$0.00
AF0440000, Program Support	0	Default WF0	Default Loc \$5,184.83	\$0.00	\$0.00	\$0.00
AF5855000, Fuel Resources R&D	0	Default WF0	Default Loc \$46,642.43	\$0.00	\$0.00	\$0.00
AF5810000, Advanced Fuels Research, Development and Testing	0	Default WF0	Default Loc \$168,682.35	\$0.00	\$0.00	\$0.00
AF5832020, Systems Analysis	0	Default WF0	Default Loc \$95,188.31	\$0.00	\$0.00	\$0.00
AF5832030, Program Assessment & Coordination	0	Default WF0	Default Loc \$214,496.04	\$0.00	\$0.00	\$0.00
RC0424000, ARC International Collaborations	0	Default WF0	Default Loc \$22,642.70	\$0.00	\$0.00	\$0.00
AF0410000, Bilateral Cooperation	0	Default WF0	Default Loc \$0.00	\$10,000.00	\$0.00	\$10,000.00
AF5855000, Fuel Resources R&D	0	Default WF0	Default Loc \$0.00	\$77,950.00	\$0.00	\$77,950.00
AF5810000, Advanced Fuels Research, Development and Testing	0	Default WF0	Default Loc \$0.00	\$623,600.00	\$0.00	\$623,600.00
AF5832020, Systems Analysis	0	Default WF0	Default Loc \$0.00	\$315,697.50	\$0.00	\$315,697.50
AF5832030, Program Assessment & Coordination	0	Default WF0	Default Loc \$0.00	\$148,739.00	\$0.00	\$148,739.00
AF5861010, Spent Fuel and Waste Disposition Program Manageme	0	Default WF0	Default Loc \$0.00	\$84,000.00	\$0.00	\$84,000.00
RC0424000, ARC International Collaborations	0	Default WF0	Default Loc \$0.00	\$75,000.00	\$0.00	\$75,000.00
EL1708000, DOE Specific Investments	0	Default WF0	Default Loc \$118,016.25	\$0.00	\$0.00	\$0.00
BM0107000, Biopower	0	Default WF0	Default Loc \$2,556.10	\$0.00	-\$993.55	-\$993.55
GT0100000, Enhanced Geothermal Systems	0	Default WF0	Default Loc \$6,318.43	\$0.00	\$0.00	\$0.00
VT0204000, Vehicle Technologies Deployment	0	Default WF0	Default Loc \$338.96	\$0.00	-\$338.96	-\$338.96
ED2701000, Next Generation Manufacturing	0	Default WF0	Default Loc \$0.00	\$0.00	\$319,142.00	\$319,142.00
HT0100000, Fuel Cell Systems R&D	0	Default WF0	Default Loc \$6,683.36	\$0.00	\$0.00	\$0.00
SL0300000, Systems Integration (Balance of Systems and Power	0	Default WF0	Default Loc \$7,158.23	\$0.00	\$0.00	\$0.00
VT1301000, Vehicle and System Simulation and Testing - Vehic	0	Default WF0	Default Loc \$7,101.82	\$0.00	\$0.00	\$0.00
ED2701000, Next Generation Manufacturing	0	Default WF0	Default Loc \$0.00	\$0.00	\$21,858.00	\$21,858.00
GT0300000, Hydrothermal	0	Default WF0	Default Loc \$142,653.99	\$0.00	\$0.00	\$0.00
HT0100000, Fuel Cell Systems R&D	0	Default WF0	Default Loc \$300,000.00	\$0.00	\$0.00	\$0.00
HT0100000, Fuel Cell Systems R&D	0	Default WF 302017	TCF Fundin \$200,000.00	\$0.00	\$0.00	\$0.00
HT0800000, Technology Validation	0	Default WF0	Default Loc \$46,852.96	\$0.00	\$0.00	\$0.00
PG0400000, Innovation & Deployment	0	Default WF0	Default Loc \$85,000.00	\$0.00	\$0.00	\$0.00
SL0300000, Systems Integration (Balance of Systems and Power	0	Default WF0	Default Loc \$0.00	\$0.00	\$7,158.23	\$7,158.23
VT1201000, Batteries & Electric Drive Technology - Energy St	0	Default WF0	Default Loc \$1,470,704.46	-\$220.67	\$0.00	-\$220.67

VT1301000, Vehicle and System Simulation and Testing - Vehic	0	Default WF0	Default Loc	\$167,675.00	\$0.00	\$0.00	\$0.00
GT0300000, Hydrothermal	0	Default WF0	Default Loc	\$0.00	\$130,000.00	\$0.00	\$130,000.00
HT0100000, Fuel Cell Systems R&D	0	Default WF0	Default Loc	\$0.00	\$800,000.00	\$0.00	\$800,000.00
VT1201000, Batteries & Electric Drive Technology - Energy St	0	Default WF0	Default Loc	\$0.00	\$2,250,000.00	\$0.00	\$2,250,000.00
VT1301000, Vehicle and System Simulation and Testing - Vehic	0	Default WF0	Default Loc	\$0.00	\$17,500.00	\$0.00	\$17,500.00
456140358, Other Federal Agencies	4861011	CHAGRGX0302027	OTT 16-17	\$169,902.91	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860966	CHAGR873 0	Default Loc	\$56,623.76	\$0.00	\$0.00	\$0.00
456160031, Industry - Domestic	4860966	CHAGR873 0	Default Loc	\$193,203.88	\$0.00	\$0.00	\$0.00
CJ0100000, ARPA-E Projects	0	Default WF0	Default Loc	\$36,666.49	\$0.00	\$0.00	\$0.00
CJ0100000, ARPA-E Projects	0	Default WF 1249	CHARPA-00	\$561,053.77	\$0.00	\$0.00	\$0.00
CJ0100000, ARPA-E Projects	0	Default WF 1250	CHARPA-00	\$241,490.09	\$0.00	\$0.00	\$0.00

\$2,871,228.72	\$7,855,194.29	\$1,303,502.94	\$9,158,697.23
\$161,971,221.85	\$281,467,999.44	\$2,062,725.18	\$283,530,724.62

\$164,842,450.57	\$289,323,193.73	\$3,366,228.12	\$292,689,421.85
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\$2,062,725.18
\$3,366,228.12
\$3,366,228.12

Total Available

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