

U.S. DEPARTMENT OF ENERGY  
 FY 2020 Summary Control Table by Appropriation  
 (dollars in thousands - OMB Scoring)

	FY 2018 Total Enacted Appropriation	FY 2019 Enacted Appro.	FY 2020 Congressional Request	FY 2020 Request vs FY 2019 Enacted	
				\$	%
<b>Discretionary Summary by Appropriation</b>					
Energy and Water Development and Related Agencies					
Appropriation Summary:					
Energy Programs					
Energy efficiency and renewable energy.....	2,321,778	2,379,000	343,000	-2,036,000	-85.6%
Electricity delivery and energy reliability.....	261,329	----	----	0	N/A
Electricity (Delivery).....	----	156,000	182,500	+26,500	+17.0%
Cybersecurity, Energy Security, and Emergency Response.....	----	120,000	156,500	+36,500	+30.4%
Nuclear energy.....	1,205,056	1,326,090	824,000	-502,090	-37.9%
Fossil energy programs					
Fossil energy research and development.....	726,817	740,000	562,000	-178,000	-24.1%
Fossil Energy Petroleum Reserve Accounts:					
Naval petroleum and oil shale reserves.....	4,900	10,000	14,000	+4,000	+40.0%
Strategic petroleum reserve.....	260,716	235,000	174,000	-61,000	-26.0%
SPR petroleum account <sup>1</sup> .....	8,400	10,000	27,000	+17,000	+170.0%
Northeast home heating oil reserve.....	6,500	10,000	----	-10,000	-100.0%
Total, Fossil Energy Petroleum Reserves <sup>1</sup> .....	280,516	265,000	215,000	-50,000	-18.9%
Total, Fossil energy programs.....	1,007,333	1,005,000	777,000	-228,000	-22.7%
Uranium enrichment D&D fund.....	840,000	841,129	715,112	-126,017	-15.0%
Energy information administration.....	125,000	125,000	118,000	-7,000	-5.6%
Non-Defense environmental cleanup.....	298,400	310,000	247,480	-62,520	-20.2%
Science.....	6,259,903	6,585,000	5,545,972	-1,039,028	-15.8%
Advanced research projects agency - Energy.....	353,314	366,000	-287,000	-653,000	-178.4%
Nuclear waste disposal (26M in DNWF 050).....	----	----	90,000	+90,000	N/A
Departmental administration.....	189,652	165,858	117,545	-48,313	-29.1%
Indian energy policy and programs.....	----	18,000	8,000	-10,000	-55.6%
Inspector general.....	49,000	51,330	54,215	+2,885	+5.6%
International affairs.....	----	----	36,100	+36,100	N/A
Credit Programs					
Title 17 - Innovative technology					
loan guarantee program.....	30,892	13,000	-160,659	-173,659	-1,335.8%
Advanced technology vehicles manufacturing					
loan program.....	5,000	5,000	----	-5,000	-100.0%
Tribal energy loan guarantee program.....	1,000	1,000	-8,500	-9,500	-950.0%
Total, Credit Programs.....	36,892	19,000	-169,159	-188,159	-990.3%
Total, Energy Programs.....	12,947,657	13,467,407	8,759,265	-4,708,142	-35.0%
Atomic Energy Defense Activities					
National nuclear security administration:					
Federal Salaries and Expenses.....	407,595	410,000	434,699	+24,699	+6.0%
Weapons activities.....	10,642,138	11,100,000	12,408,603	+1,308,603	+11.8%
Defense nuclear nonproliferation.....	1,999,219	1,930,000	1,993,302	+63,302	+3.3%
Naval reactors.....	1,620,000	1,788,618	1,648,396	-140,222	-7.8%
Total, National nuclear security administration.....	14,668,952	15,228,618	16,485,000	+1,256,382	+8.3%
Environmental and other defense activities:					
Defense environmental cleanup.....	5,988,048	6,024,000	5,506,501	-517,499	-8.6%
Other defense activities.....	840,000	860,292	1,035,339	+175,047	+20.3%
Defense nuclear waste disposal (90M in 270 Energy).....	----	----	26,000	+26,000	N/A
Total, Environmental & other defense activities.....	6,828,048	6,884,292	6,567,840	-316,452	-4.6%
Total, Atomic Energy Defense Activities.....	21,497,000	22,112,910	23,052,840	+939,930	+4.3%
Power marketing administrations:					
Southeastern power administration.....	----	----	----	0	N/A
Southwestern power administration.....	11,400	10,400	10,400	0	N/A
Western area power administration (CROM).....	93,372	89,372	89,196	-176	-0.2%
Falcon & Amistad operating & maintenance fund.....	228	228	228	0	N/A
Colorado River Basins.....	-23,000	-23,000	-21,400	+1,600	+7.0%
Total, Power marketing administrations.....	82,000	77,000	78,424	+1,424	+1.8%
Federal energy regulatory commission.....	----	----	----	0	N/A
Subtotal, Energy And Water Development and Related Agencies.....					
Excess Fees and Recoveries, FERC.....	34,526,657	35,657,317	31,890,529	-3,766,788	-10.6%
Title XVII Loan guar. prog section 1703	-9,000	-16,000	-16,000	0	N/A
Negative Credit Subsidy Receipt.....	----	-107,000	-15,000	+92,000	+86.0%
Sale of Northeast Gasoline Supply Reserve (NGSR).....	----	----	-75,000	-75,000	N/A
Sale of Northeast Home Heating Oil Reserve.....	----	----	-82,000	-82,000	N/A
<b>Total, Discretionary Funding.....</b>	<b>34,517,657</b>	<b>35,534,317</b>	<b>31,702,529</b>	<b>-3,831,788</b>	<b>-10.8%</b>

<sup>1</sup> The FY 2020 budget request for \$27M in NGSR does not include a request for direct appropriations; instead the Department is requesting authorization to deposit up to \$27 million in proceeds from the sale of one-million barrels of refined petroleum product (gasoline blendstock) from the Strategic Petroleum Reserve.

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Memo: Total Discretionary by budget function				
(Defense (050) function, non-add).....	( 21,630,000)	( 22,259,000)	( 23,190,648)	
(Non-Defense (250/270) function, non-add).....	( 12,887,657)	( 13,275,317)	( 8,511,881)	
(Science (250) function, non-add).....	( 6,259,903)	( 6,585,000)	( 5,545,972)	
(Energy (270) function, non-add).....	( 6,627,754)	( 6,690,317)	( 2,965,909)	

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<b>Energy Efficiency and Renewable Energy</b>					
Energy Efficiency and Renewable Energy RDD&D					
Sustainable transportation:					
Vehicle technologies.....	337,500	344,000	73,400	-270,600	-78.7%
Bioenergy technologies.....	221,545	226,000	40,000	-186,000	-82.3%
Hydrogen and fuel cell technologies.....	115,000	120,000	44,000	-76,000	-63.3%
<b>Total, Sustainable transportation.....</b>	<b>674,045</b>	<b>690,000</b>	<b>157,400</b>	<b>-532,600</b>	<b>-77.2%</b>
Renewable power:					
Solar energy technologies.....	241,600	246,500	67,000	-179,500	-72.8%
Wind energy technologies.....	92,000	92,000	23,700	-68,300	-74.2%
Water power technologies.....	105,000	105,000	45,000	-60,000	-57.1%
Geothermal technologies.....	80,906	84,000	28,000	-56,000	-66.7%
<b>Total, Renewable power.....</b>	<b>519,506</b>	<b>527,500</b>	<b>163,700</b>	<b>-363,800</b>	<b>-69.0%</b>
Energy efficiency:					
Advanced Manufacturing.....	305,000	320,000	80,500	-239,500	-74.8%
Federal energy management program.....	27,000	30,000	8,400	-21,600	-72.0%
Building Technologies.....	220,727	226,000	57,000	-169,000	-74.8%
Weatherization and intergovernmental programs					
Weatherization					
Weatherization assistance program.....	248,000	254,000	----	-254,000	-100.0%
Training and technical assistance.....	3,000	3,000	----	-3,000	-100.0%
<b>Total, Weatherization.....</b>	<b>251,000</b>	<b>257,000</b>	<b>----</b>	<b>-257,000</b>	<b>-100.0%</b>
State energy program grants.....	55,000	55,000	----	-55,000	-100.0%
<b>Total, Weatherization &amp; intergovernmental Programs.....</b>	<b>306,000</b>	<b>312,000</b>	<b>----</b>	<b>-312,000</b>	<b>-100.0%</b>
<b>Total, Energy efficiency.....</b>	<b>858,727</b>	<b>888,000</b>	<b>145,900</b>	<b>-742,100</b>	<b>-83.6%</b>
Corporate support programs:					
Program direction					
Salaries and Benefits.....	103,738	103,681	76,600	-27,081	-26.1%
Travel.....	4,091	4,151	2,300	-1,851	-44.6%
Support Services.....	8,445	9,644	8,100	-1,544	-16.0%
Other Related Expenses.....	46,226	45,024	35,000	-10,024	-22.3%
<b>Total, Program direction.....</b>	<b>162,500</b>	<b>162,500</b>	<b>122,000</b>	<b>-40,500</b>	<b>-24.9%</b>
Strategic programs.....	15,000	14,000	----	-14,000	-100.0%
Facilities and infrastructure (NREL O&M).....	92,000	97,000	107,000	+10,000	+10.3%
<b>Total, Corporate support programs.....</b>	<b>269,500</b>	<b>273,500</b>	<b>229,000</b>	<b>-44,500</b>	<b>-16.3%</b>
<b>Subtotal, Energy Efficiency and Renewable Energy.....</b>	<b>2,321,778</b>	<b>2,379,000</b>	<b>696,000</b>	<b>-1,683,000</b>	<b>-70.7%</b>
Adjustments:					
Use of prior year balances (EE).....	----	----	-353,000	-353,000	N/A
<b>Subtotal, Energy Efficiency and Renewable Energy.....</b>	<b>2,321,778</b>	<b>2,379,000</b>	<b>343,000</b>	<b>-2,036,000</b>	<b>-85.6%</b>
<b>Total, Energy Efficiency and Renewable Energy.....</b>	<b>2,321,778</b>	<b>2,379,000</b>	<b>343,000</b>	<b>-2,036,000</b>	<b>-85.6%</b>
<b>Electricity Delivery and Energy Reliability</b>					
Transmission reliability.....	44,987	----	----	0	N/A
Resilient distribution systems.....	40,600	----	----	0	N/A
Energy storage.....	41,000	----	----	0	N/A
Transformer resilience and advanced components.....	7,000	----	----	0	N/A
Transmission permitting and technical assistance.....	7,850	----	----	0	N/A
Infrastructure security and energy restoration					
Infrastructure security and energy restoration.....	14,900	----	----	0	N/A
Cybersecurity for energy delivery systems.....	75,829	----	----	0	N/A
Program direction.....	29,163	----	----	0	N/A
<b>Total, Electricity Delivery and Energy Reliability.....</b>	<b>261,329</b>	<b>----</b>	<b>----</b>	<b>0</b>	<b>N/A</b>
<b>Electricity (Delivery)</b>					
Transmission Reliability and Resilience.....	----	39,000	70,500	+31,500	+80.8%
Resilient distribution systems.....	----	40,000	27,900	-12,100	-30.3%
Energy storage					
Research.....	----	46,000	43,500	-2,500	-5.4%
Construction.....	----	----	5,000	+5,000	N/A
<b>Total, Energy storage.....</b>	<b>----</b>	<b>46,000</b>	<b>48,500</b>	<b>+2,500</b>	<b>+5.4%</b>
Transformer resilience and advanced components.....	----	7,000	9,000	+2,000	+28.6%
Transmission permitting and technical assistance.....	----	7,000	7,000	0	N/A
Program direction.....	----	17,000	19,600	+2,600	+15.3%
<b>Total, Electricity (Delivery).....</b>	<b>----</b>	<b>156,000</b>	<b>182,500</b>	<b>+26,500</b>	<b>+17.0%</b>

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<b>Cybersecurity, Energy Security, and Emergency Response</b>					
Cybersecurity for Energy Delivery Systems (CEDS).....	----	89,500	75,000	-14,500	-16.2%
Infrastructure Security and Energy Restoration.....	----	19,000	70,000	+51,000	+268.4%
Program Direction.....	----	11,500	11,500	0	N/A
<b>Total, Office of Cybersecurity, Energy Security, and Emergency Response.....</b>	<b>----</b>	<b>120,000</b>	<b>156,500</b>	<b>+36,500</b>	<b>+30.4%</b>
<b>Nuclear Energy</b>					
Research and Development					
Integrated University Program.....	5,000	5,000	----	-5,000	-100.0%
Step R&D.....	5,000	5,000	----	-5,000	-100.0%
Reactor Concepts RD&D.....	237,000	323,500	215,150	-108,350	-33.5%
Fuel cycle research and development.....	260,056	263,915	90,000	-173,915	-65.9%
Nuclear Energy Enabling Technologies.....	159,000	152,585	98,450	-54,135	-35.5%
International nuclear energy cooperation.....	3,000	3,000	----	-3,000	-100.0%
Total, Research and Development.....	669,056	753,000	403,600	-349,400	-46.4%
Radiological facility management					
Idaho facilities management					
Idaho facilities management.....	294,000	318,000	209,242	-108,758	-34.2%
Idaho sitewide safeguards and security.....	133,000	146,090	137,808	-8,282	-5.7%
Program Direction.....	80,000	80,000	64,350	-15,650	-19.6%
Subtotal, Nuclear Energy.....	1,205,056	1,326,090	824,000	-502,090	-37.9%
Adjustments:					
Transfer from NR - Advanced Test Reactor HR 3219 (non-add).....	( 85,500)	( 85,500)	( ----)	( ----)	( ----)
Subtotal, Nuclear Energy.....	1,205,056	1,326,090	824,000	-502,090	-37.9%
<b>Total, Nuclear Energy.....</b>	<b>1,205,056</b>	<b>1,326,090</b>	<b>824,000</b>	<b>-502,090</b>	<b>-37.9%</b>
<b>Fossil Energy Research and Development</b>					
Fossil Energy Research and Development					
Coal					
Coal CCS and Power Systems					
Carbon Capture.....	100,671	100,671	----	-100,671	-100.0%
Carbon Storage.....	98,096	98,096	----	-98,096	-100.0%
Advanced Energy Systems.....	112,000	129,683	----	-129,683	-100.0%
Cross-cutting research.....	58,350	56,350	----	-56,350	-100.0%
Total, Coal CCS and Power Systems.....	369,117	384,800	----	-384,800	-100.0%
NETL coal research and development					
Supercritical Transformational Electric Power.....	53,000	54,000	----	-54,000	-100.0%
Transfomational coal pilots.....	24,000	22,430	----	-22,430	-100.0%
Transfomational coal pilots.....	35,000	25,000	----	-25,000	-100.0%
Total, Coal.....	481,117	486,230	----	-486,230	-100.0%
Advanced Coal Energy Systems & CCUS					
Advanced Energy Systems.....	----	----	220,300	+220,300	N/A
Crosscutting Research.....	----	----	60,325	+60,325	N/A
Carbon Capture Utilization and Storage.....	----	----	68,800	+68,800	N/A
NETL Coal Research and Development.....	----	----	38,000	+38,000	N/A
Total, Advanced Coal Energy Systems & CCUS.....	----	----	387,425	+387,425	N/A
Natural gas technologies					
Unconventional fossil energy technologies from Petroleum - Oil technologies.....	50,000	51,000	10,730	-40,270	-79.0%
Program direction.....	40,000	46,000	19,000	-27,000	-58.7%
Special recruitment programs.....	60,000	61,070	61,045	-25	-0.0%
NETL Research and Operations.....	700	700	700	0	N/A
NETL Infrastructure and operations.....	50,000	50,000	40,000	-10,000	-20.0%
NETL Infrastructure and operations.....	45,000	45,000	43,100	-1,900	-4.2%
<b>Total, Fossil Energy Research and Development.....</b>	<b>726,817</b>	<b>740,000</b>	<b>562,000</b>	<b>-178,000</b>	<b>-24.1%</b>
<b>Fossil Energy Petroleum Reserves</b>					
Naval Petroleum and Oil Shale Reserve					
Production operations.....	18,200	8,000	12,000	+4,000	+50.0%
Management.....	2,000	2,000	2,000	0	N/A
Use of prior year balances.....	-15,300	----	----	0	N/A
Total, Naval Petroleum & Oil Shale Reserve.....	4,900	10,000	14,000	+4,000	+40.0%

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<b>Strategic Petroleum Reserve</b>					
Strategic petroleum reserve.....	223,000	206,000	174,000	-32,000	-15.5%
Sale of crude oil.....	-350,000	-300,000	-450,000	-150,000	-50.0%
Use of sale proceeds.....	350,000	300,000	450,000	+150,000	+50.0%
Northeast Gasoline Supply Reserve.....	29,000	29,000	----	-29,000	-100.0%
Supplemental Hurricane Funding.....	8,716	----	----	0	N/A
<b>Total, Strategic Petroleum Reserve.....</b>	<b>260,716</b>	<b>235,000</b>	<b>174,000</b>	<b>-61,000</b>	<b>-26.0%</b>
<b>SPR Petroleum Account</b>					
SPR Petroleum Account.....	11,400	10,000	----	-10,000	-100.0%
Use of prior year balances.....	-3,000	----	----	0	N/A
Use of NGSR refined petroleum product sale proceeds <sup>1</sup> .....	----	----	27,000	+27,000	N/A
<b>Total, Strategic Petroleum Reserve - Petroleum Acct.....</b>	<b>8,400</b>	<b>10,000</b>	<b>27,000</b>	<b>+17,000</b>	<b>+170.0%</b>
<b>Northeast Home Heating Oil Reserve</b>					
Northeast home heating oil reserve.....	10,000	10,000	----	-10,000	-100.0%
Use of prior year balances.....	-3,500	----	----	0	N/A
<b>Total, Northeast Home Heating Oil Reserve.....</b>	<b>6,500</b>	<b>10,000</b>	<b>----</b>	<b>-10,000</b>	<b>-100.0%</b>
<b>Total, Fossil Energy Petroleum Reserves.....</b>	<b>280,516</b>	<b>265,000</b>	<b>215,000</b>	<b>-50,000</b>	<b>-18.9%</b>
<b>Uranium Enrichment Decontamination and Decommissioning Fund</b>					
Oak Ridge.....	194,673	195,000	109,439	-85,561	-43.9%
Paducah.....	205,530	206,000	207,215	+1,215	+0.6%
Portsmouth.....	381,271	408,099	355,661	-52,438	-12.8%
Pension and community and regulatory support.....	22,794	21,030	21,762	+732	+3.5%
Title X uranium/thorium reimbursement program.....	35,732	11,000	21,035	+10,035	+91.2%
<b>Total, Uranium Enrichment D&amp;D Fund.....</b>	<b>840,000</b>	<b>841,129</b>	<b>715,112</b>	<b>-126,017</b>	<b>-15.0%</b>
<b>Energy Information Administration</b>					
National energy information system.....	125,000	125,000	118,000	-7,000	-5.6%
<b>Total, Energy Information Administration.....</b>	<b>125,000</b>	<b>125,000</b>	<b>118,000</b>	<b>-7,000</b>	<b>-5.6%</b>
<b>Non-Defense Environmental Cleanup</b>					
Fast flux test reactor facility (WA).....	2,240	2,240	2,500	+260	+11.6%
Gaseous diffusion plants.....	101,304	101,304	103,073	+1,769	+1.7%
Small sites.....	119,856	131,456	66,692	-64,764	-49.3%
West Valley demonstration project.....	75,000	75,000	75,215	+215	+0.3%
<b>Total, Non-Defense Environmental Cleanup.....</b>	<b>298,400</b>	<b>310,000</b>	<b>247,480</b>	<b>-62,520</b>	<b>-20.2%</b>
<b>Science</b>					
Office of Science					
Advanced Scientific Computing Research.....	810,000	935,500	920,888	-14,612	-1.6%
Basic Energy Sciences.....	2,090,000	2,166,000	1,858,285	-307,715	-14.2%
Biological and Environmental Research.....	673,000	705,000	494,434	-210,566	-29.9%
Fusion Energy Sciences.....	532,111	564,000	402,750	-161,250	-28.6%
High Energy Physics.....	908,000	980,000	768,038	-211,962	-21.6%
Nuclear Physics.....	684,000	690,000	624,854	-65,146	-9.4%
Workforce Development for Teachers and Scientists.....	19,500	22,500	19,500	-3,000	-13.3%
Science Laboratories Infrastructure.....	257,292	232,890	163,600	-69,290	-29.8%
Safeguards and Security.....	103,000	106,110	110,623	+4,513	+4.3%
Science Program Direction.....	183,000	183,000	183,000	0	N/A
<b>Total, Science.....</b>	<b>6,259,903</b>	<b>6,585,000</b>	<b>5,545,972</b>	<b>-1,039,028</b>	<b>-15.8%</b>
<b>Advanced Research Projects Agency - Energy</b>					
Advanced research projects agency - Energy					
ARPA-E projects.....	324,064	334,750	----	-334,750	-100.0%
Program direction.....	29,250	31,250	----	-31,250	-100.0%
Rescission of prior year balances.....	----	----	-287,000	-287,000	N/A
<b>Total, Advanced Research Projects Agency - Energy.....</b>	<b>353,314</b>	<b>366,000</b>	<b>-287,000</b>	<b>-653,000</b>	<b>-178.4%</b>
<b>Office of Indian Energy Policy and Programs</b>					
Tribal Energy Program.....	----	13,200	4,479	-8,721	-66.1%
Program direction.....	----	4,800	3,521	-1,279	-26.6%
<b>Total, Office of Indian Energy Policy and Programs.....</b>	<b>----</b>	<b>18,000</b>	<b>8,000</b>	<b>-10,000</b>	<b>-55.6%</b>

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<b>Nuclear Waste Disposal</b>					
Yucca mountain and interim storage.....	----	----	90,000	+90,000	N/A
<b>Total, Nuclear Waste Disposal.....</b>	<b>----</b>	<b>----</b>	<b>90,000</b>	<b>+90,000</b>	<b>N/A</b>
<b>Departmental Administration</b>					
Office of the Secretary.....	5,300	5,395	5,119	-276	-5.1%
Congressional & intergovernmental affairs.....	6,200	6,200	5,895	-305	-4.9%
Chief financial officer.....	48,484	48,912	52,000	+3,088	+6.3%
Economic impact and diversity.....	10,169	10,169	9,494	-675	-6.6%
Office of Indian energy policy and programs.....	18,000	----	----	0	N/A
Chief information officer.....	126,274	131,624	124,554	-7,070	-5.4%
Management.....	54,745	55,385	54,358	-1,027	-1.9%
Project Management Oversight and Assessments.....	15,192	15,005	14,255	-750	-5.0%
Chief human capital officer.....	25,513	26,125	24,316	-1,809	-6.9%
Office of Small and Disadvantaged Business Utilization.....	3,000	3,170	3,609	+439	+13.8%
General counsel.....	33,000	33,075	33,075	0	N/A
Energy policy and systems analysis.....	10,432	----	----	0	N/A
Office of Policy.....	----	10,010	8,000	-2,010	-20.1%
International affairs.....	18,878	22,878	----	-22,878	-100.0%
Public Affairs.....	6,589	6,594	6,260	-334	-5.1%
Technology Transitions.....	6,876	8,505	9,080	+575	+6.8%
Strategic partnership projects (SPP).....	40,000	40,000	40,000	0	N/A
Subtotal, Departmental Administration (gross).....	428,652	423,047	390,015	-33,032	-7.8%
Adjustments:					
Use of prior year balances (CI).....	----	-2,000	----	+2,000	+100.0%
Use of prior year balances (OP).....	----	-7,500	----	+7,500	+100.0%
Defense related administrative support					
Funding from other defense activities (CFO).....	-16,726	-20,065	-54,538	-34,473	-171.8%
Funding from other defense activities (CIO).....	-126,274	-131,624	-124,554	+7,070	+5.4%
Total, Defense related administrative support.....	-143,000	-151,689	-179,092	-27,403	-18.1%
Total, Adjustments.....	-143,000	-161,189	-179,092	-17,903	-11.1%
Miscellaneous revenues					
Revenues associated with SPP.....	-40,000	-40,000	-40,000	0	N/A
Other revenues.....	-56,000	-56,000	-53,378	+2,622	+4.7%
Total, Miscellaneous revenues.....	-96,000	-96,000	-93,378	+2,622	+2.7%
<b>Total, Departmental Administration (Net).....</b>	<b>189,652</b>	<b>165,858</b>	<b>117,545</b>	<b>-48,313</b>	<b>-29.1%</b>
<b>Office of Inspector General</b>					
Office of inspector general.....	49,000	51,330	54,215	+2,885	+5.6%
<b>Total, Office of Inspector General.....</b>	<b>49,000</b>	<b>51,330</b>	<b>54,215</b>	<b>+2,885</b>	<b>+5.6%</b>
<b>International Affairs</b>					
International affairs.....	----	----	36,100	+36,100	N/A
<b>Title 17 - Innovative Technology Loan Guarantee Program</b>					
Administrative expenses.....	33,000	33,000	3,000	-30,000	-90.9%
Offsetting collections.....	-2,108	-20,000	-3,000	+17,000	+85.0%
Subtotal, Title 17 - Innovative Technology Loan Guarantee Program.....	30,892	13,000	----	-13,000	-100.0%
Rescission of prior year balances (Gen. Prov.).....	----	----	-160,659	-160,659	N/A
<b>Total, Title 17 - Innovative Technology Loan Guarantee Program.....</b>	<b>30,892</b>	<b>13,000</b>	<b>-160,659</b>	<b>-173,659</b>	<b>-1,335.8%</b>
<b>Tribal Energy Loan Guarantee Program</b>					
Administrative expenses.....	1,000	1,000	----	-1,000	-100.0%
Cancellation.....	----	----	-8,500	-8,500	N/A
<b>Total, Tribal Energy Loan Guarantee Program.....</b>	<b>1,000</b>	<b>1,000</b>	<b>-8,500</b>	<b>-9,500</b>	<b>-950.0%</b>
<b>Advanced Technology Vehicles Manufacturing Loan Program</b>					
Administrative expenses.....	5,000	5,000	----	-5,000	-100.0%
<b>Total, Advanced Technology Vehicles Manufacturing Loan Program.....</b>	<b>5,000</b>	<b>5,000</b>	<b>----</b>	<b>-5,000</b>	<b>-100.0%</b>

U.S. DEPARTMENT OF ENERGY  
 FY 2020 Summary Control Table by Appropriation  
 (dollars in thousands - OMB Scoring)

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<b>Federal Salaries and Expenses</b>					
Program direction.....	407,595	410,000	434,699	+24,699	+6.0%
<b>Weapons Activities</b>					
Directed stockpile work.....	4,009,447	4,658,266	5,426,357	+768,091	+16.5%
Research, development, test, and evaluation (RDT&E)					
Science.....	474,524	480,484	586,561	+106,077	+22.1%
Engineering.....	183,123	190,123	233,954	+43,831	+23.1%
Inertial confinement fusion and high yield.....	544,934	544,934	480,595	-64,339	-11.8%
Advanced simulation and computing.....	746,244	717,119	839,849	+122,730	+17.1%
Advanced manufacturing development.....	85,540	81,558	136,908	+55,350	+67.9%
Total, RDT&E.....	2,034,365	2,014,218	2,277,867	+263,649	+13.1%
Infrastructure and operations.....	3,117,803	3,087,852	3,208,442	+120,590	+3.9%
Secure transportation asset.....	291,168	278,639	317,162	+38,523	+13.8%
Defense nuclear security.....	770,577	690,638	778,213	+87,575	+12.7%
Information technology and cybersecurity.....	186,728	221,175	309,362	+88,187	+39.9%
Legacy contractor pensions.....	232,050	162,292	91,200	-71,092	-43.8%
Subtotal, Weapons activities.....	10,642,138	11,113,080	12,408,603	+1,295,523	+11.7%
Adjustments					
Use of prior year balances.....	---	-13,080	---	+13,080	+100.0%
Total, Adjustments.....	---	-13,080	---	+13,080	+100.0%
<b>Total, Weapons Activities.....</b>	<b>10,642,138</b>	<b>11,100,000</b>	<b>12,408,603</b>	<b>+1,308,603</b>	<b>+11.8%</b>
<b>Defense Nuclear Nonproliferation</b>					
Defense Nuclear Nonproliferation Programs					
Material management and minimization.....	308,594	293,794	333,533	+39,739	+13.5%
Global material security.....	390,108	407,108	342,350	-64,758	-15.9%
Nonproliferation and arms control.....	134,703	129,703	137,267	+7,564	+5.8%
Defense Nuclear Nonproliferation R&D.....	556,504	575,570	495,357	-80,213	-13.9%
Nonproliferation construction.....	335,000	220,000	299,000	+79,000	+35.9%
Total, Defense Nuclear Nonproliferation Programs.....	1,724,909	1,626,175	1,607,507	-18,668	-1.1%
Legacy contractor pensions.....	40,950	28,640	13,700	-14,940	-52.2%
Nuclear counterterrorism and incident response program					
Nuclear counterterrorism and incident response.....	282,360	319,185	---	-319,185	-100.0%
Emergency Operations.....	---	---	35,545	+35,545	N/A
Counterterrorism and Counterproliferation.....	---	---	336,550	+336,550	N/A
Total, Nuclear counterterrorism and incident response program.....	282,360	319,185	372,095	+52,910	+16.6%
Subtotal, Defense Nuclear Nonproliferation.....	2,048,219	1,974,000	1,993,302	+19,302	+1.0%
Adjustments					
Use of prior year balances (NN).....	---	-25,000	---	+25,000	+100.0%
Total, Adjustments.....	---	-25,000	---	+25,000	+100.0%
Subtotal, Defense Nuclear Nonproliferation.....	2,048,219	1,949,000	1,993,302	+44,302	+2.3%
Rescission					
Rescission of prior year balances.....	-49,000	---	---	0	N/A
Rescission of prior year balances (Gen. Prov.).....	---	-19,000	---	+19,000	+100.0%
<b>Total, Defense Nuclear Nonproliferation.....</b>	<b>1,999,219</b>	<b>1,930,000</b>	<b>1,993,302</b>	<b>+63,302</b>	<b>+3.3%</b>
<b>Naval Reactors</b>					
Naval reactors development.....	473,065	514,951	531,205	+16,254	+3.2%
Columbia-Class reactor systems development.....	156,700	138,000	75,500	-62,500	-45.3%
S8G Prototype refueling.....	250,000	250,000	155,000	-95,000	-38.0%
Naval reactors operations and infrastructure.....	466,884	525,764	553,591	+27,827	+5.3%
Program direction.....	47,651	48,709	50,500	+1,791	+3.7%
Construction.....	225,700	311,194	282,600	-28,594	-9.2%
Subtotal, Naval Reactors.....	1,620,000	1,788,618	1,648,396	-140,222	-7.8%
Transfer to NE - Advanced Test Reactor (non-add).....	(-85,500)	(-85,500)	( --- )	0	N/A
<b>Total, Naval Reactors.....</b>	<b>1,620,000</b>	<b>1,788,618</b>	<b>1,648,396</b>	<b>-140,222</b>	<b>-7.8%</b>

U.S. DEPARTMENT OF ENERGY  
 FY 2020 Summary Control Table by Appropriation  
 (dollars in thousands - OMB Scoring)

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<b>Defense Environmental Cleanup</b>					
Closure sites.....	4,889	4,889	4,987	+98	+2.0%
Richland:					
River corridor and other cleanup operations.....	183,692	193,692	139,750	-53,942	-27.8%
Central plateau remediation.....	662,879	660,358	472,949	-187,409	-28.4%
Richland community and regulatory support.....	10,121	10,121	5,121	-5,000	-49.4%
Construction.....	6,500	1,000	11,000	+10,000	+1,000.0%
Total, Richland.....	863,192	865,171	628,820	-236,351	-27.3%
Office of River Protection.....	1,560,000	1,573,000	1,392,460	-180,540	-11.5%
Idaho National Laboratory.....	434,071	433,200	334,854	-98,346	-22.7%
NNSA sites and Nevada off-sites.....	388,711	324,440	403,878	+79,438	+24.5%
Oak Ridge Reservation.....	400,219	410,000	292,781	-117,219	-28.6%
Savannah River Sites:					
Savannah River risk management operations.....	482,960	489,460	490,613	+1,153	+0.2%
Construction.....	500	1,259	6,792	+5,533	+439.5%
Total, Savannah River risk management operations.....	483,460	490,719	497,405	+6,686	+1.4%
SR community and regulatory support.....	11,249	11,249	4,749	-6,500	-57.8%
Radioactive liquid tank waste.....	817,605	885,689	960,978	+75,289	+8.5%
Total, Savannah River Site.....	1,312,314	1,387,657	1,463,132	+75,475	+5.4%
Waste Isolation Pilot Plant.....	376,571	396,907	391,642	-5,265	-1.3%
Program direction.....	300,000	298,500	278,908	-19,592	-6.6%
Program support.....	14,979	12,979	12,979	0	N/A
Safeguards and Security.....	298,102	304,434	317,622	+13,188	+4.3%
Technology development.....	35,000	25,000	---	-25,000	-100.0%
Use of prior year balances.....	---	-7,577	---	+7,577	+100.0%
Subtotal, Defense environmental cleanup.....	5,988,048	6,028,600	5,522,063	-506,537	-8.4%
Rescission:					
Rescission of prior year balances.....	---	---	-15,562	-15,562	N/A
Rescission of prior year balances (Gen. Prov.).....	---	-4,600	---	+4,600	+100.0%
<b>Total, Defense Environmental Cleanup.....</b>	<b>5,988,048</b>	<b>6,024,000</b>	<b>5,506,501</b>	<b>-517,499</b>	<b>-8.6%</b>
<b>Other Defense Activities</b>					
Environment, health, safety and security					
Environment, health, safety and security.....	130,693	133,839	139,628	+5,789	+4.3%
Program direction.....	68,253	69,000	72,881	+3,881	+5.6%
Total, Environment, Health, safety and security.....	198,946	202,839	212,509	+9,670	+4.8%
Enterprise assessments					
Independent enterprise assessments.....	24,068	24,068	24,068	0	N/A
Program direction.....	50,863	52,702	57,211	+4,509	+8.6%
Total, Enterprise assessments.....	74,931	76,770	81,279	+4,509	+5.9%
Specialized security activities.....					
Office of Legacy Management	262,912	266,378	254,578	-11,800	-4.4%
Legacy management.....	137,674	140,575	283,767	+143,192	+101.9%
Program direction.....	16,932	18,302	19,262	+960	+5.2%
Total, Office of Legacy Management.....	154,606	158,877	303,029	+144,152	+90.7%
Defense related administrative support					
Chief financial officer.....	16,726	20,065	54,538	+34,473	+171.8%
Chief information officer.....	126,274	131,624	124,554	-7,070	-5.4%
Total, Defense related administrative support.....	143,000	151,689	179,092	+27,403	+18.1%
Office of hearings and appeals.....	5,605	5,739	4,852	-887	-15.5%
Subtotal, Other defense activities.....	840,000	862,292	1,035,339	+173,047	+20.1%
Use of prior year balances (HA).....	---	-2,000	---	+2,000	+100.0%
<b>Total, Other Defense Activities.....</b>	<b>840,000</b>	<b>860,292</b>	<b>1,035,339</b>	<b>+175,047</b>	<b>+20.3%</b>
<b>Defense Nuclear Waste Disposal</b>					
Yucca mountain and interim storage.....	---	---	26,000	+26,000	N/A
<b>Total, Defense Nuclear Waste.....</b>	<b>---</b>	<b>---</b>	<b>26,000</b>	<b>+26,000</b>	<b>N/A</b>



U.S. DEPARTMENT OF ENERGY  
 FY 2020 Summary Control Table by Appropriation  
 (dollars in thousands - OMB Scoring)

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<b>Power Marketing Administrations</b>					
Southeastern Power Administration					
Southeastern power administration.....	72,449	75,324	87,016	+11,692	+15.5%
Less alternative financing (for PPW)/ Offsetting collection.....	-72,449	-75,324	-87,016	-11,692	-15.5%
<b>Total, Southeastern Power Administration.....</b>	<b>----</b>	<b>----</b>	<b>----</b>	<b>0</b>	<b>N/A</b>
Southwestern Power Administration					
Southwestern power administration.....	112,947	126,876	156,863	+29,987	+23.6%
Less alternative financing/ Offsetting collection.....	-87,347	-116,476	-146,463	-29,987	-25.7%
Use of Prior Year Balances.....	-14,200	----	----	0	N/A
<b>Total, Southwestern Power Administration.....</b>	<b>11,400</b>	<b>10,400</b>	<b>10,400</b>	<b>0</b>	<b>N/A</b>
Western Area Power Administration					
Western Area Power Administration (CROM)					
Western area power administration (CROM).....	858,473	834,567	915,804	+81,237	+9.7%
Less alternative financing/ Offsetting collection (P.L. 108-477/109-103).....	-765,101	-745,195	-826,432	-81,237	-10.9%
Rescission of prior year balances.....	----	----	-176	-176	N/A
<b>Total, Western Area Power Administration (CROM).....</b>	<b>93,372</b>	<b>89,372</b>	<b>89,196</b>	<b>-176</b>	<b>-0.2%</b>
Falcon and Amistad Operating and Maintenance Fund					
Operation and maintenance.....	5,048	4,440	5,647	+1,207	+27.2%
Offsetting collections.....	-3,948	-1,340	-2,932	-1,592	-118.8%
Less alternative financing.....	-872	-372	-1,187	-815	-219.1%
Use of prior year balances.....	----	-2,500	-1,300	+1,200	+48.0%
<b>Total, Falcon and Amistad Fund.....</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>0</b>	<b>N/A</b>
Colorado River Basins Power Marketing Fund					
Spending authority from offsetting collections.....	185,396	220,337	220,244	-93	-0.0%
Offsetting collections.....	-208,396	-243,337	-241,644	+1,693	+0.7%
<b>Total, Colorado River Basins Power Marketing Fund.....</b>	<b>-23,000</b>	<b>-23,000</b>	<b>-21,400</b>	<b>+1,600</b>	<b>+7.0%</b>
<b>Total, Western Area Power Administration.....</b>	<b>70,600</b>	<b>66,600</b>	<b>68,024</b>	<b>+1,424</b>	<b>+2.1%</b>
<b>Total, Power Marketing Administrations.....</b>	<b>82,000</b>	<b>77,000</b>	<b>78,424</b>	<b>+1,424</b>	<b>+1.8%</b>
<b>Federal Energy Regulatory Commission</b>					
Federal energy regulatory commission.....	367,600	369,900	382,000	+12,100	+3.3%
FERC revenues.....	-367,600	-369,900	-382,000	-12,100	-3.3%
<b>Total, Federal Energy Regulatory Commission.....</b>	<b>----</b>	<b>----</b>	<b>----</b>	<b>0</b>	<b>N/A</b>
<b>Fees and Recoveries, Federal Energy Regulatory Commission</b>					
<b>Fees &amp; Recoveries In Excess of Annual Appropriations.....</b>	<b>-9,000</b>	<b>-16,000</b>	<b>-16,000</b>	<b>0</b>	<b>N/A</b>
<b>Title XVII Loan Guar. Prog Section 1703</b>					
<b>Negative Credit Subsidy Receipt.....</b>	<b>----</b>	<b>-107,000</b>	<b>-15,000</b>	<b>+92,000</b>	<b>+86.0%</b>
<b>Sale of Northeast Gasoline Supply Reserve (NGSR).....</b>	<b>----</b>	<b>----</b>	<b>-75,000</b>	<b>-75,000</b>	<b>N/A</b>
<b>Sale of Northeast Home Heating Oil Reserve.....</b>	<b>----</b>	<b>----</b>	<b>-82,000</b>	<b>-82,000</b>	<b>N/A</b>