



FY2021 Department of Energy Appropriations

As of December 21, 2020

(millions of \$)	FY19 Final	FY20 Final	FY21 PBR	FY21 House ²	FY21 Senate	FY21 Final	FY21 Final vs. FY20 Final	
							\$ Change	% Change
Science	\$6,585.00	\$ 7,000.00	\$5,838.00	\$ 7,050.00	\$ 7,026.00	\$ 7,026.00	\$ 26.00	0.37%
Nuclear Physics	\$ 690.00	\$ 713.00	\$ 653.00	\$ 715.00	\$ 725.00	\$ 713.00	\$ -	0.00%
High Energy Physics	\$ 980.00	\$ 1,045.00	\$ 818.00	\$ 1,050.00	\$ 1,050.00	\$ 1,046.00	\$ 1.00	0.10%
Basic Energy Sciences	\$ 2,166.00	\$ 2,213.00	\$ 1,936.00	\$ 2,242.00	\$ 2,215.00	\$ 2,245.00	\$ 32.00	1.45%
<i>Energy Frontier Research Centers</i>		\$ 115.00		\$ 115.00	\$ 115.00	\$ 115.00	\$ -	0.00%
Fusion Energy Sciences	\$ 564.00	\$ 671.00	\$ 425.00	\$ 680.00	\$ 640.00	\$ 672.00	\$ 1.00	0.15%
Biological and Environmental Research	\$ 705.00	\$ 750.00	\$ 517.00	\$ 760.00	\$ 750.00	\$ 753.00	\$ 3.00	0.40%
Advanced Scientific Computational Research	\$ 935.50	\$ 980.00	\$ 988.00	\$ 1,015.00	\$ 1,029.00	\$ 1,015.00	\$ 35.00	3.57%
Science Workforce Development	\$ 22.50	\$ 28.00	\$ 21.00	\$ 30.00	\$ 28.50	\$ 29.00	\$ 1.00	3.57%
Science Laboratories Infrastructure	\$ 232.89	\$ 301.00	\$ 174.00	\$ 254.25	\$ 279.50	\$ 240.00	\$ (61.00)	-20.27%
Advanced Research Projects Agency-Energy*	\$ 366.00	\$ 425.00	\$ 21.26	\$ 435.00	\$ 430.00	\$ 427.00	\$ 2.00	0.47%
Energy Efficiency and Renewable Energy	\$ 2,379.00	\$ 2,790.00	\$ 720.00	\$ 2,848.00	\$ 2,848.00	\$ 2,862.00	\$ 72.00	2.58%
Nuclear Energy	\$ 1,326.09	\$ 1,493.41	\$ 1,180.00	\$ 1,435.80	\$ 1,505.30	\$ 1,508.00	\$ 14.59	0.98%
<i>Nuclear Energy R&D</i>		\$ 925.55	\$ 729.50	\$ 901.50	\$ 956.87	\$ 945.17	\$ 19.62	2.12%
<i>Integrated University Program</i>		\$ 5.00		\$ 5.00	\$ 5.00	\$ 5.00	\$ -	0.00%
Fossil Energy R&D	\$ 740.00	\$ 750.00	\$ 731.00	\$ 727.50	\$ 750.00	\$ 750.00	\$ -	0.00%
Energy Innovation Hubs							\$ -	#DIV/0!
<i>Energy Efficient Building Design System Hub</i>							\$ -	`11
<i>Modeling & Simulation for Nuclear Reactors</i>							\$ -	#DIV/0!
<i>Fuels from Sunlight Hub</i>		\$ 20.00		\$ 20.00	\$ 20.00		\$ (20.00)	-100.00%
<i>Batteries and Energy Storage Hub</i>				\$ 24.09	\$ 24.09		\$ -	#DIV/0!
<i>Critical Materials Hub</i>							\$ -	#DIV/0!
<i>Smart Grid Technology and Systems Hub</i>							\$ -	#DIV/0!

¹This includes the additional \$1.213 billion to the Office of Science top line number as allocated by the FY19 Addendum DOE energy infrastructure, which can be spent over multiple fiscal years. Specifically, the bill directs \$250 million to ARPA-E and \$6.25 billion to the Office of Science, of which \$75 million is for equipment and infrastructure for DOE's Quantum Information Science Research Centers, \$7.78 billion for Energy Efficiency and Renewable Energy, \$1.25 billion to Nuclear Energy, and \$1.25 billion to Fossil Energy.