



## FY2020 Department of Energy

As of December 17, 2019

(millions of \$)	FY19 Final	FY20 PBR	FY20 House	FY20 Senate	FY20 Final	FY20 Final vs. FY19 Final	
						\$ Change	% Change
<b>Science</b>	\$6,585.00	\$ 5,546.00	\$ 6,870.00	7,215.00	\$ 7,000.00	\$ 415.00	6.30%
Nuclear Physics	\$ 690.00	\$ 625.00	\$ 735.00	736.00	\$ 713.00	\$ 23.00	3.33%
High Energy Physics	\$ 980.00	\$ 768.00	\$ 1,045.00	1,065.00	\$ 1,045.00	\$ 65.00	6.63%
Basic Energy Sciences	\$ 2,166.00	\$ 1,858.00	\$ 2,143.00	2,325.00	\$ 2,213.00	\$ 47.00	2.17%
<i>Energy Frontier Research Centers</i>			\$ 120.00	130.00	\$ 115.00	\$ 115.00	
Fusion Energy Sciences	\$ 564.00	\$ 403.00	\$ 688.00	570.00	\$ 671.00	\$ 107.00	18.97%
Biological and Environmental Research	\$ 705.00	\$ 494.00	\$ 730.00	770.00	\$ 750.00	\$ 45.00	6.38%
Advanced Scientific Computational Research	\$ 935.50	\$ 921.00	\$ 956.54	1,029.00	\$ 980.00	\$ 44.50	4.76%
Science Workforce Development	\$ 22.50	\$ 20.00	\$ 25.00	25.00	\$ 20.00	\$ (2.50)	-11.11%
Science Laboratories Infrastructure	\$ 232.89	\$ 164.00	\$ 250.83	394.00	\$ 301.00	\$ 68.11	29.25%
<b>Advanced Research Projects Agency-Energy*</b>	\$ 366.00	\$ -	\$ 425.00	428.00	\$ 425.00	\$ 59.00	16.12%
<b>Energy Efficiency and Renewable Energy</b>	\$ 2,379.00	\$ 696.00	\$ 2,651.71	2,800.00	\$ 2,848.00	\$ 469.00	19.71%
<b>Nuclear Energy</b>	\$ 1,326.09	\$ 824.00	\$ 1,317.81	1,517.81	\$ 1,493.41	\$ 167.32	12.62%
<i>Nuclear Energy R&amp;D</i>							
<i>Integrated University Program</i>			\$ 5.00	5.00		\$ 5.00	
<b>Fossil Energy R&amp;D</b>	\$ 740.00	\$ 562.00	\$ 740.00	800.00	\$ 750.00	\$ 10.00	1.35%
Energy Innovation Hubs							
<i>Energy Efficient Building Design System Hub</i>							
<i>Modeling &amp; Simulation for Nuclear Reactors</i>						\$ 35.00	
<i>Fuels from Sunlight Hub</i>			\$ 15.00	20.00	\$ 20.00		
<i>Batteries and Energy Storage Hub</i>			\$ 24.09	24.09			
<i>Critical Materials Hub</i>				25.00			
<i>Smart Grid Technology and Systems Hub</i>							

<sup>1</sup> This includes the additional \$1.213 billion to the Office of Science top line number as allocated by the FY19 Addendum

<sup>2</sup> Based on Energy & Water bill reported out the Senate committee on May 24, 2018 and passed in the House on June 8, 2018