



# Association of American Universities

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An association of 62 leading research universities in the United States and Canada

## FY2018 Department of Energy Appropriations

As of July 27, 2017

(millions of \$)	FY16 Omnibus	FY17 Omnibus	FY18 PBR	FY18 House	FY18 House v. FY17 Omnibus		FY18 Senate	FY18 Senate v. FY17 Omnibus	
					\$ Change	% Change		\$ Change	% Change
<b>Science</b>	\$ 5,347.00	\$ 5,392.00	\$ 4,472.50	\$ 5,392.00	0	0%	\$ 5,550.00	\$ 158.00	3%
Nuclear Physics	\$ 617.10	\$ 622.00	\$ 503.00				\$ 639.20	\$ 17.20	2.77%
High Energy Physics	\$ 795.00	\$ 825.00	\$ 673.00				\$ 860.00	\$ 35.00	4.24%
Basic Energy Sciences	\$ 1,849.00	\$ 1,871.50	\$ 1,555.00				\$ 1,980.30	\$ 108.80	5.81%
<i>Energy Frontier Research Centers</i>	\$ 110.00	\$ 98.90	\$ 98.90				\$ 55.80	\$ (43.10)	-43.58%
Fusion Energy Sciences	\$ 438.00	\$ 380.00	\$ 310.00				\$ 232.00	\$ (148.00)	-38.95%
Biological and Environmental Research	\$ 609.00	\$ 612.00	\$ 349.00				\$ 633.00	\$ 21.00	3.43%
Advanced Scientific Computational Research	\$ 621.00	\$ 647.00	\$ 722.00				\$ 763.00	\$ 116.00	17.93%
Science Workforce Development	\$ 19.50	\$ 19.50	\$ 14.00				\$ 19.35	\$ (0.15)	-0.77%
Science Laboratories Infrastructure	\$ 113.60	\$ 130.00	\$ 78.00				\$ 143.00	\$ 13.00	10.00%
<b>Advanced Research Projects Agency-Energy*</b>	\$ 291.00	\$ 306.00	\$ (26.40)	\$ -	\$ (306.00)	-100%	\$ 330.00	\$ 24.00	7.84%
<b>Energy Efficiency and Renewable Energy</b>	\$ 2,069.00	\$ 2,100.00	\$ 636.10	\$ 1,103.90	\$ (996.10)	-47%	\$ 1,937.00	\$ (163.00)	-7.76%
<b>Nuclear Energy</b>	\$ 986.20	\$ 1,016.00	\$ 703.00	\$ 969.00	\$ (47.00)	-5%	\$ 917.02	\$ (98.98)	-9.74%
<i>Nuclear Energy R&amp;D</i>	\$ 532.60	\$ 562.60							
<i>Integrated University Program</i>	\$ 5.00	\$ 5.00		\$ 5.00	0	0%	\$ 5.00	\$ -	0%
<b>Fossil Energy R&amp;D</b>	\$ 632.00	\$ 632.00	\$ 280.00	\$ 634.60	\$ 2.60	0%	\$ 572.70	\$ (59.30)	-9.38%
Energy Innovation Hubs	N/A								
<i>Energy Efficient Building Design System Hub</i>	N/A	N/A	N/A						
<i>Modeling &amp; Simulation for Nuclear Reactors</i>	N/A	N/A	N/A						
<i>Fuels from Sunlight Hub</i>	N/A	\$ 15.00	\$ -				\$ 15.00	\$ -	0%
<i>Batteries and Energy Storage Hub</i>	N/A	\$ 24.09	\$ -				\$ 24.09	\$ -	0%
<i>Critical Materials Hub</i>	N/A	\$ 25.00					\$ 25.00	\$ -	0%
<i>Smart Grid Technology and Systems Hub</i>	N/A	N/A	N/A						

\*The PBR proposes \$20 million in appropriated funds for ARPA-E in FY18, and also proposes a 46.4 million rescission for "use of ARPA-E – Energy Balances" leaving the FY18 total in the negative.