

TABLE 10. Federal budget authority for Energy (270) R&D and R&D plant: FYs 2016–18
(Millions of dollars)

Budget function and agency	2016 actual	2017 preliminary ^a	2018 proposed	2016–17 (% change)	2017–18 (% change)
R&D and R&D plant	3,492	3,472	1,780	-0.6	-48.7
Department of Energy (271)	3,393	3,381	1,697	-0.4	-49.8
Energy programs	3,087	3,076	1,682	-0.4	-45.3
Energy efficiency and renewable energy	1,434	1,434	572	0.0	-60.1
Electricity delivery and energy reliability ^d	141	135	85	-4.3	-37.0
Fossil energy ^d	624	620	325	-0.6	-47.6
Nuclear energy ^d	888	887	700	-0.1	-21.1
Advanced Research Projects Agency-Energy (ARPA-E) ^d	291	290	0	-0.3	-100.0
Bonneville Power Administration Fund	15	15	15	0.0	0.0
Nuclear Regulatory Commission (276)	86	75	67	-12.8	-10.7
Tennessee Valley Authority (271)	10	13	16	30.0	23.1
Department of Agriculture (271)					
National Institute of Food and Agriculture: Biomass R&D ^c	3	3	0	0.0	-100.0
R&D	3,473	3,453	1,757	-0.6	-49.1
Department of Energy (271)	3,374	3,362	1,674	-0.4	-50.2
Energy programs	3,068	3,057	1,659	-0.4	-45.7
Energy efficiency and renewable energy	1,430	1,430	568	0.0	-60.3
Electricity delivery and energy reliability ^d	141	135	85	-4.3	-37.0
Fossil energy ^d	609	605	306	-0.7	-49.4
Nuclear energy ^d	888	887	700	-0.1	-21.1
Advanced Research Projects Agency-Energy (ARPA-E) ^d	291	290	0	-0.3	-100.0
Bonneville Power Administration Fund	15	15	15	0.0	0.0
Nuclear Regulatory Commission (276)	86	75	67	-12.8	-10.7
Tennessee Valley Authority (271)	10	13	16	30.0	23.1
Department of Agriculture (271)					
National Institute of Food and Agriculture: Biomass R&D ^c	3	3	0	0.0	-100.0

^a Unless otherwise noted, the FY 2017 figures are official estimates reflecting the continuing resolution funding for FY 2017 and not that of the enacted omnibus spending bill for that year (Consolidated Appropriations Act, 2017, signed 5 May 2017). Most federal agencies did not prepare R&D estimates for FY 2017 based on the final spending figures in the omnibus.

^b While not reflected in the figures displayed above, these programs received FY 2017 omnibus increases of at least 3%.

^c The Biomass R&D program is a mandatory program authorized in the 2014 farm bill.

NOTES: Detail may not add to total because of rounding. Percentage change calculated on unrounded data.

SOURCES: Agencies' submissions to the Office of Management and Budget per MAX Schedule C, agencies' budget justification documents, and supplemental data obtained from agencies' budget offices.