

TABLE 10. Federal budget authority for Energy (270) R&D and R&D plant: FYs 2015–17
(Millions of dollars)

Budget function and agency	2015 actual	2016 preliminary	2017 proposed	2015–16 (% change)	2016–17 (% change)
R&D and R&D plant	3,173	3,455	4,789	8.9	38.6
Department of Energy (271)	3,089	3,356	4,679	8.7	39.4
Energy programs	2,796	3,048	4,162	9.0	36.5
Energy efficiency and renewable energy ^a	1,332	1,410	2,612	5.9	85.3
Electricity delivery and energy reliability	111	140	158	25.1	13.3
Fossil energy	540	621	590	15.2	-5.0
Nuclear energy	813	877	802	8.0	-8.6
Advanced Research Projects Agency-Energy (ARPA-E) ^a	280	291	500	3.9	71.8
Bonneville Power Administration Fund	13	17	17	30.8	0.0
Nuclear Regulatory Commission (276)	69	86	90	24.6	4.7
Tennessee Valley Authority (271)	12	10	17	-16.7	70.0
Department of Agriculture (271)					
National Institute of Food and Agriculture: Biomass R&D ^b	3	3	3	0.0	0.0
R&D	3,153	3,436	4,745	9.0	38.1
Department of Energy (271)	3,069	3,337	4,635	8.7	38.9
Energy programs	2,776	3,029	4,118	9.1	36.0
Energy efficiency and renewable energy ^a	1,328	1,406	2,608	5.9	85.5
Electricity delivery and energy reliability	111	140	158	25.1	13.3
Fossil energy	524	606	549	15.6	-9.3
Nuclear energy	813	877	802	8.0	-8.6
Advanced Research Projects Agency-Energy (ARPA-E) ^a	280	291	500	3.9	71.8
Bonneville Power Administration Fund	13	17	17	30.8	0.0
Nuclear Regulatory Commission (276)	69	86	90	24.6	4.7
Tennessee Valley Authority (271)	12	10	17	-16.7	70.0
Department of Agriculture (271)					
National Institute of Food and Agriculture: Biomass R&D ^b	3	3	3	0.0	0.0

^a The proposed FY 2017 budget includes mandatory funding components: \$500 million for Energy efficiency and renewable energy R&D and \$150 million for ARPA-E R&D.

^b 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.