

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.