

TABLE 10

Federal budget authority for Energy (270) R&D and R&D plant: FYs 2021–23

(Millions of dollars and percent change)

Budget function and agency	2021 actual	2022 preliminary ^a	2023 proposed	2021–22 (% change)	2022–23 (% change)
R&D and R&D plant	4,529	8,036	9,331	77.4	16.1
Energy supply (271)	4,446	7,929	9,232	78.3	16.4
Department of Energy	4,429	7,888	9,216	78.1	16.8
Energy programs	3,999	5,528	6,631	38.2	20.0
Energy efficiency and renewable energy	1,973	2,945	3,472	49.3	17.9
Fossil energy and carbon management ^b	720	1,239	1,360	72.1	9.8
Nuclear energy	1,067	1,067	1,442	0.0	35.1
Electricity delivery	166	166	235	0.0	41.6
Cybersecurity, Energy Security, and Emergency Response	73	111	122	52.1	9.9
Advanced Research Projects Agency-Energy (ARPA-E)	427	427	700	0.0	63.9
Clean Energy Demonstration	0	1,931	1,883	-	-2.5
Bonneville Power Administration Fund	3	2	2	-33.3	0.0
Tennessee Valley Authority	17	41	16	141.2	-61.0
Energy information, policy, regulation (276)	66	66	83	0.0	25.8
Nuclear Regulatory Commission	66	66	83	0.0	25.8
R&D	4,381	7,751	8,989	76.9	16.0
Energy supply (271)	4,315	7,685	8,906	78.1	15.9
Department of Energy	4,298	7,644	8,890	77.9	16.3
Energy programs	3,868	5,284	6,305	36.6	19.3
Energy efficiency and renewable energy	1,933	2,884	3,353	49.2	16.3
Fossil energy and carbon management ^b	691	1,118	1,210	61.8	8.2
Nuclear energy	1,030	1,030	1,435	0.0	39.3
Electricity delivery	141	141	185	0.0	31.2
Cybersecurity, Energy Security, and Emergency Response	73	111	122	52.1	9.9
Advanced Research Projects Agency-Energy (ARPA-E)	427	427	700	0.0	63.9
Clean Energy Demonstration	0	1,931	1,883	-	-2.5
Bonneville Power Administration Fund	3	2	2	-33.3	0.0
Tennessee Valley Authority	17	41	16	141.2	-61.0
Energy information, policy, regulation (276)	66	66	83	0.0	25.8
Nuclear Regulatory Commission	66	66	83	0.0	25.8

^a The preliminary data available from the agencies for FY 2022 at the time of this report reflect mainly the continuing resolution funding levels that existed through mid-March 2022 and not yet those of the finalized appropriations enacted shortly thereafter.

^b Fossil Energy has been renamed to Fossil Energy and Carbon Management in the 2023 Presidential Budget Request.

Note(s):

Detail may not add to total because of rounding. Percent change is calculated on unrounded data.

Source(s):

Agencies' submissions to the Office of Management and Budget (OMB) per MAX Schedule C, agencies' budget justification documents, supplemental data obtained from agencies' budget offices, and Executive Office of the President, OMB, *Budget of the United States Government, Fiscal Year 2023*.