

**Science
Funding by Congressional Control**

(dollars in thousands)

| | FY 2023 Enacted | FY 2024 Annualized CR | FY 2025 Request | FY 2025 Request vs FY 2023 Enacted (\$) | FY 2025 Request vs FY 2023 Enacted (%) |
|--|----------------------------|--------------------------------------|----------------------------|--|---|
| Advanced Scientific Computing Research | | | | | |
| ASCR Research | 991,000 | 1,033,108 | 1,136,682 | +145,682 | +14.70% |
| 17-SC-20 SC Exascale Computing Project (ECP) | 77,000 | – | – | -77,000 | -100.00% |
| Construction | | | | | |
| 24-SC-20 High Performance Data Facility | – | – | 16,000 | +16,000 | – |
| Total, Construction | – | – | 16,000 | +16,000 | – |
| Total, Advanced Scientific Computing Research | 1,068,000 | 1,033,108 | 1,152,682 | +84,682 | +7.93% |
| Basic Energy Sciences | | | | | |
| BES Research | 2,240,800 | 2,249,563 | 2,398,785 | +157,985 | +7.05% |
| Construction | | | | | |
| 24-SC-10 HFIR Pressure Vessel Replacement (PVR), ORNL | – | – | 6,000 | +6,000 | – |
| 24-SC-12 NSLS-II Experimental Tools - III (NEXT-III), BNL | – | – | 5,500 | +5,500 | – |
| 21-SC-10 Cryomodule Repair & Maintenance Facility (CRMF), SLAC | 10,000 | 9,000 | 20,000 | +10,000 | +100.00% |
| 19-SC-14 Second Target Station (STS), ORNL | 32,000 | 52,000 | 52,000 | +20,000 | +62.50% |
| 18-SC-10 Advanced Photon Source Upgrade (APS-U), ANL | 9,200 | – | – | -9,200 | -100.00% |
| 18-SC-11 Spallation Neutron Source Proton Power Upgrade (PPU), ORNL | 17,000 | 15,769 | – | -17,000 | -100.00% |
| 18-SC-12 Advanced Light Source Upgrade (ALS-U), LBNL | 135,000 | 57,300 | – | -135,000 | -100.00% |
| 18-SC-13 Linac Coherent Light Source-II-High Energy (LCLS-II-HE), SLAC | 90,000 | 120,000 | 100,000 | +10,000 | +11.11% |
| Total, Construction | 293,200 | 254,069 | 183,500 | -109,700 | -37.41% |
| Total, Basic Energy Sciences | 2,534,000 | 2,503,632 | 2,582,285 | +48,285 | +1.91% |

(dollars in thousands)

| | FY 2023 Enacted | FY 2024 Annualized CR | FY 2025 Request | FY 2025 Request vs FY 2023 Enacted (\$) | FY 2025 Request vs FY 2023 Enacted (%) |
|---|----------------------------|--------------------------------------|----------------------------|--|---|
| Biological and Environmental Research | | | | | |
| BER Research | 908,685 | 835,644 | 926,225 | +17,540 | +1.93% |
| Construction | | | | | |
| 24-SC-31 Microbial Molecular Phenotyping Capability (M2PC), PNNL | – | – | 19,000 | +19,000 | – |
| Total, Construction | – | – | 19,000 | +19,000 | – |
| Total, Biological and Environmental Research | 908,685 | 835,644 | 945,225 | +36,540 | +4.02% |
| Fusion Energy Sciences | | | | | |
| FES Research | 510,222 | 554,668 | 609,496 | +99,274 | +19.46% |
| Construction | | | | | |
| 20-SC-61 Matter in Extreme Conditions (MEC) Petawatt Upgrade, SLAC | 11,000 | 10,000 | 10,000 | -1,000 | -9.09% |
| 14-SC-60 U.S. Contributions to ITER | 242,000 | 240,000 | 225,000 | -17,000 | -7.02% |
| Total, Construction | 253,000 | 250,000 | 235,000 | -18,000 | -7.11% |
| Total, Fusion Energy Sciences | 763,222 | 804,668 | 844,496 | +81,274 | +10.65% |
| High Energy Physics | | | | | |
| HEP Research | 868,000 | 820,301 | 825,768 | -42,232 | -4.87% |
| Construction | | | | | |
| 18-SC-42 Proton Improvement Plan II (PIP-II), FNAL | 120,000 | 125,000 | 125,000 | +5,000 | +4.17% |
| 11-SC-40 Long Baseline Neutrino Facility/Deep Underground Neutrino Experiment | 176,000 | 251,000 | 280,000 | +104,000 | +59.09% |
| 11-SC-41 Muon to Electron Conversion Experiment, FNAL | 2,000 | – | – | -2,000 | -100.00% |
| Total, Construction | 298,000 | 376,000 | 405,000 | +107,000 | +35.91% |
| Total, High Energy Physics | 1,166,000 | 1,196,301 | 1,230,768 | +64,768 | +5.55% |
| Nuclear Physics | | | | | |
| NP Operation and Maintenance | 755,196 | 676,203 | 723,091 | -32,105 | -4.25% |

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|--|--------------------|-----------------------------|--------------------|---|--|
| Construction | | | | | |
| 20-SC-52 Electron Ion Collider (EIC), BNL | 50,000 | 95,000 | 110,000 | +60,000 | +120.00% |
| Total, Construction | 50,000 | 95,000 | 110,000 | +60,000 | +120.00% |
| Total, Nuclear Physics | 805,196 | 771,203 | 833,091 | +27,895 | +3.46% |
| Isotope R&D and Production | | | | | |
| IRP Research | 85,451 | 132,651 | 135,000 | +49,549 | +57.99% |
| Construction | | | | | |
| 20-SC-51 U.S. Stable Isotope Production and Research Center (SIPRC), ORNL | 24,000 | 20,900 | 45,900 | +21,900 | +91.25% |
| 24-SC-92 Clinical Alpha Radionuclide Producer (CARP), BNL | – | – | 1,000 | +1,000 | – |
| 24-SC-91 Radioisotope Processing Facility, ORNL | – | – | 2,000 | +2,000 | – |
| Total, Construction | 24,000 | 20,900 | 48,900 | +24,900 | +103.75% |
| Total, Isotope R&D and Production | 109,451 | 153,551 | 183,900 | +74,449 | +68.02% |
| Accelerator R&D and Production | | | | | |
| ARDAP Research | 27,436 | 29,175 | 31,273 | +3,837 | +13.99% |
| Total, Accelerator R&D and Production | 27,436 | 29,175 | 31,273 | +3,837 | +13.99% |
| Workforce Development for Teachers and Scientists | | | | | |
| WDTS | 42,000 | 42,100 | 43,100 | +1,100 | +2.62% |
| Total, Workforce Development for Teachers and Scientists | 42,000 | 42,100 | 43,100 | +1,100 | +2.62% |
| Science Laboratories Infrastructure | | | | | |
| PILT | 4,891 | 5,004 | 5,119 | +228 | +4.66% |
| Oak Ridge Landlord | 6,559 | 6,910 | 7,032 | +473 | +7.21% |
| SLI F&I | 13,900 | 32,104 | 50,029 | +36,129 | +259.92% |
| SLI Laboratory Operations Apprenticeship | – | – | 5,000 | +5,000 | – |
| OR Nuclear Operations | 26,000 | 46,000 | 46,000 | +20,000 | +76.92% |

(dollars in thousands)

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|--|----------------------------|--------------------------------------|----------------------------|--|---|
| Construction | | | | | |
| 22-SC-71 Critical Infrastructure Modernization Project (CIMP) - ORNL | 1,000 | – | – | -1,000 | -100.00% |
| 22-SC-72 Thomas Jefferson Infrastructure Improvements (TJII) - TJNAF | 1,000 | – | – | -1,000 | -100.00% |
| 21-SC-71 Princeton Plasma Innovation Center (PPIC), PPPL | 10,000 | 10,000 | 35,000 | +25,000 | +250.00% |
| 21-SC-72 Critical Infrastructure Recovery & Renewal (CIRR), PPPL | 4,000 | 10,000 | 20,000 | +16,000 | +400.00% |
| 21-SC-73 Ames Infrastructure Modernization (AIM) | 2,000 | 8,000 | – | -2,000 | -100.00% |
| 20-SC-71 Critical Utilities Rehabilitation Project (CURP), BNL | 26,000 | – | – | -26,000 | -100.00% |
| 20-SC-72 Seismic and Safety Modernization (SSM), LBNL | 27,500 | 35,000 | 18,000 | -9,500 | -34.55% |
| 20-SC-73 CEBAF Renovation and Expansion (CEBAF), TJNAF | 15,000 | 11,000 | 11,000 | -4,000 | -26.67% |
| 20-SC-75 Large Scale Collaboration Center (LSCC), SLAC | 21,000 | – | – | -21,000 | -100.00% |
| 20-SC-77 Argonne Utilities Upgrade (AU2), ANL | 8,000 | 8,000 | 3,000 | -5,000 | -62.50% |
| 20-SC-78 Linear Assets Modernization Project (LAMP), LBNL | 23,425 | 18,900 | 30,000 | +6,575 | +28.07% |
| 20-SC-79 Critical Utilities Infrastructure Revitalization (CUIR), SLAC | 25,425 | 30,000 | 20,000 | -5,425 | -21.34% |
| 20-SC-80 Utilities Infrastructure Project (UIP), FNAL | 20,000 | 35,000 | 45,000 | +25,000 | +125.00% |
| 19-SC-74 - BioEPIC, LBNL | 45,000 | 38,000 | – | -45,000 | -100.00% |
| Total, Construction | 229,350 | 203,900 | 182,000 | -47,350 | -20.65% |
| Total, Science Laboratories Infrastructure | 280,700 | 293,918 | 295,180 | +14,480 | +5.16% |
| Safeguards and Security | | | | | |
| S&S | 184,099 | 200,000 | 195,000 | +10,901 | +5.92% |
| Total, Safeguards and Security | 184,099 | 200,000 | 195,000 | +10,901 | +5.92% |
| Program Direction | | | | | |
| PD | 211,211 | 236,700 | 246,000 | +34,789 | +16.47% |
| Total, Program Direction | 211,211 | 236,700 | 246,000 | +34,789 | +16.47% |
| Total, Office of Science | 8,100,000 | 8,100,000 | 8,583,000 | +483,000 | +5.96% |

Note:

- *FY 2023 Funding does not reflect the mandated transfer of \$20 million from the Office of Nuclear Energy to the Office of Science for Nuclear Facilities Operations and Maintenance Oak Ridge National Laboratory.*

SBIR/STTR funding:

- FY 2023 Enacted: SBIR \$100,850,000 and STTR \$14,182,000 (SC only)
- FY 2024 Annualized CR: SBIR \$95,418,000 and STTR \$13,424,000 (SC only)
- FY 2025 Request: SBIR \$101,886,000 and STTR \$14,329,000 (SC only)