

U.S. House Committee on Energy and Commerce
Subcommittee on Energy, Climate, and Grid Security
“The Fiscal Year 2025 Department of Energy Budget”
[May 1, 2024]

1. Dallas News article entitled “Texas lawmakers back \$3B oil purchase to stabilize global markets, refill strategic U.S. reserve” April 7, 2020, submitted by Rep. Burgess.
2. Department of Energy Comparative Appropriation by Congressional Control, submitted by Rep. DeGette.
3. An article from the Tampa Bay Times entitled “Florida electric bills skyrocketed recently. Here’s why.” May 1, 2024, submitted by Rep. Castor.

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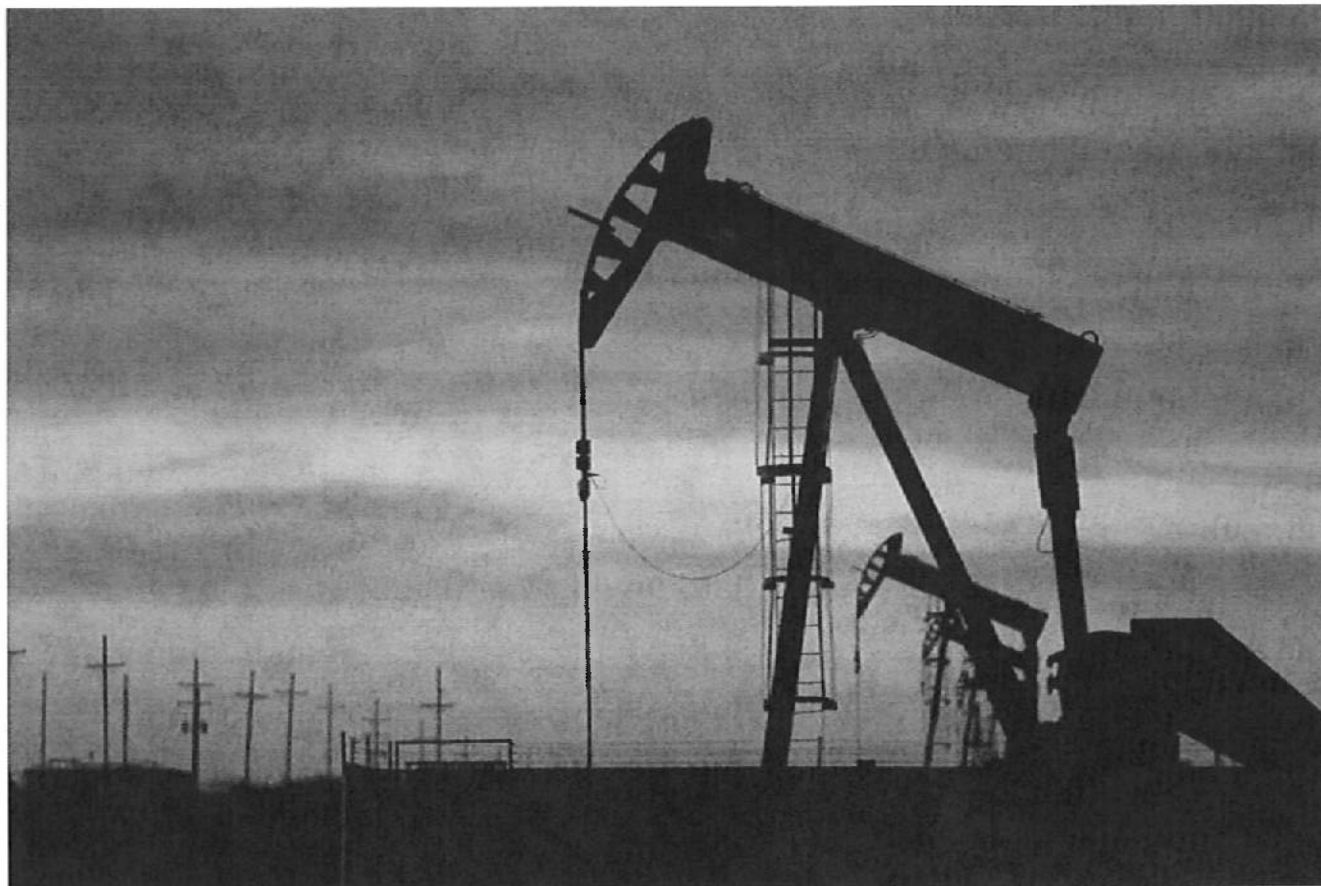


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Texas lawmakers back \$3B oil purchase to stabilize global markets, refill strategic U.S. reserve

The bill would fund \$3 billion in crude oil for the nation's Strategic Petroleum Reserve amid low prices due to a price war and the global drop in demand because of the coronavirus.



An oil pumpjack works at dawn in the Permian Basin oil field on Jan. 20, in the oil town of Andrews, Texas. The Lone Star State's economy has been hobbled by an ongoing price war between Saudi Arabia and Russia and a decrease in demand due to the coronavirus outbreak. (Spencer Platt - Getty Images)

By [Paul Cobler](#)

4:44 PM on Apr 7, 2020 CDT



WASHINGTON — A bipartisan group of lawmakers from Texas called Tuesday for a \$3 billion federal purchase of oil to replenish the nation's strategic reserve and prop up an energy sector rattled by a price war and global drop in demand during the coronavirus outbreak.

“Without swift action, the coronavirus could have a devastating impact on Texas’ energy producers and their workforce,” Sen. John Cornyn said. “This legislation would help support small to midsize producers and Texas workers while enhancing national security during this uncertain time.”

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Cornyn and fellow Texas Sen. Ted Cruz support the proposal authored by Sen. John Hoeven, R-N.D.

In the House, Reps. Michael Burgess, R-Pilot Point, is among the initial supporters, along with Democratic Reps. Lizzie Fletcher of Houston and Henry Cuellar of Laredo and four lawmakers from other states that depend on oil and gas production.



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With Congress on an extended recess during the outbreak, the bill will be formally introduced later in April, Hoeven said.

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The proposal comes several weeks after Energy Secretary Dan Brouillette asked Congress for funding to fill the nation's Strategic Petroleum Reserve with 77 million barrels to help domestic crude producers.

The idea of replenishing the SPR has hit some resistance in Congress.

Some Democrats refused to include such funding in the \$2 trillion economic relief package that became law on March 27, citing the industry's role in climate change. Senate Minority Leader Chuck Schumer, D-N.Y., called such funding a "bailout for big oil."

Backers call it a way to take advantage of low prices while also blunting the impact of the crisis.

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"Domestic production of oil and natural gas is essential to our national security, our economy, and our energy future, including our ability to drive innovation and production of cleaner energy," Fletcher said in a statement. "Our energy producers are facing an unprecedented challenge that will have long-term ramifications for our energy independence and our energy future."

Worldwide, the petroleum business has struggled during the pandemic that has drastically cut demand, exacerbated by a price war that Saudi Arabia launched against Russia. U.S. crude oil prices have plummeted as the two sides pump more oil into international markets.

Energy states like Texas have borne the brunt of the price war, with state comptroller Glenn Hegar last week saying there's "no doubt" the state will be in a recession.

In an effort to address the crisis, executives from Irving-based Exxon Mobil and other top energy companies met last Friday with President Donald Trump. Texas Sens. John Cornyn and Ted Cruz, both co-sponsors of the bill, attended the meeting.

The U.S. strategic reserve can hold 713.5 million barrels of petroleum in 60 huge underground salt caverns at four sites in Texas and Louisiana. The reserve is used to deter foreign suppliers from using U.S. reliance on imports as a weapon, and to offset supply disruptions from unrest, weather events and other causes.

The government has only tapped the reserve three times, most recently in 2011.

The proposal announced Tuesday would allow the government to fill the reserve on the cheap while addressing some of the surplus in the international market.

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Cuellar said such a purchase "will not only strengthen our economic well-being, but also our national security," while Cruz called it "a win for America's taxpayers and workers, as well as for our nation's energy security."

"For years the federal government has taken the backwards approach of buying oil when it's expensive and selling it off from the strategic petroleum reserve when it's cheap," Cruz said in a statement. "Now, with low oil prices, we actually have an opportunity to do the opposite, get more for our dollar, and replenish our strategic petroleum reserve."



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DEPARTMENT OF ENERGY
Comparative Appropriation by Congressional Control

(Dollars in Thousands)

FY 2023 Enacted ^{(1),(2),(3)}	FY 2024 Enacted	FY 2025 President's Budget ⁽⁴⁾	FY 2025 President's Budget vs. FY 2024 Enacted	
			\$	%

Discretionary Detail by Appropriation

Energy Efficiency and Renewable Energy

Vehicle Technologies	455,000	450,000	501,790	51,790	+11.5%
Bioenergy Technologies	280,000	275,000	280,000	+5,000	+1.8%
Hydrogen and Fuel Cells Technologies	170,000	170,000	170,000	0	0.0%
Sustainable Transportation and Fuels (formerly Sustainable Transportation)	905,000	895,000	951,790	+56,790	+6.3%
Renewable Energy Grid Integration	45,000	22,000	65,000	+43,000	+195.5%
Solar Energy Technologies	318,000	318,000	318,000	0	0.0%
Wind Energy Technologies	132,000	137,000	199,000	+62,000	+45.3%
Water Power Technologies	179,000	200,000	160,000	-40,000	-20.0%
Geothermal Technologies	118,000	118,000	156,191	+38,191	+32.4%
Renewable Energy	792,000	795,000	898,191	+103,191	+13.0%
Advanced Manufacturing	450,000	0	0	0	N/A
Industrial Efficiency & Decarbonization Office	0	237,000	287,227	+50,227	+21.2%
Advanced Materials & Manufacturing Technologies Office	0	215,000	220,000	+5,000	+2.3%
Building Technologies	332,000	332,000	340,000	+8,000	+2.4%
Buildings & Industry (formerly Energy Efficiency)	782,000	784,000	847,227	+63,227	+8.1%
Facility Management (NREL)	160,000	160,000	151,000	-9,000	-5.6%
21-EE-001, Energy Materials Processing at Scale (EMAPS)	45,000	50,000	54,000	+4,000	+8.0%
Facilities and Infrastructure	205,000	210,000	205,000	-5,000	-2.4%
Program Direction - Energy Efficiency and Renewable Energy	186,000	186,000	194,792	+8,792	+4.7%
Program Direction (EERE/FEMP)	14,000	14,000	0	-14,000	-100.0%
Program Direction (EERE/MESC)	1,000	1,000	0	-1,000	-100.0%
Program Direction (EERE/SCEP)	22,000	22,000	0	-22,000	-100.0%
Total Program Direction (EERE)	223,000	223,000	194,792	-28,208	-12.6%
Strategic Programs	21,000	21,000	21,000	0	0.0%
Corporate Support	449,000	454,000	420,792	-33,208	-7.3%
Federal Energy Management (FEMP)	29,000	29,000	0	-29,000	-100.0%
Federal Energy Efficiency Fund (FEMP)	14,000	14,000	0	-14,000	-100.0%
Subtotal, Federal Energy Management Program (FEMP)	43,000	43,000	0	-43,000	-100.0%
Workforce Capacity and Competitiveness (MESC) (formerly Facility and Workforce Assistance)	16,000	16,000	0	-16,000	-100.0%
Supply Chain Mapping, Modeling, & Analysis (MESC) (formerly Energy Sector Industrial Base)	2,000	2,000	0	-2,000	-100.0%
Subtotal, Manufacturing & Energy Supply Chains	18,000	18,000	0	-18,000	-100.0%
Weatherization Assistance Program (SCEP)	326,000	326,000	0	-326,000	-100.0%
Training and Technical Assistance (SCEP)	10,000	10,000	0	-10,000	-100.0%
Local Government Energy Program (SCEP)	12,000	12,000	0	-12,000	-100.0%
Energy Future Grants (SCEP)	27,000	27,000	0	-27,000	-100.0%
State Energy Program (SCEP)	66,000	66,000	0	-66,000	-100.0%
Weatherization Readiness Fund (SCEP)	30,000	30,000	0	-30,000	-100.0%
Subtotal, State and Community Programs	471,000	471,000	0	-471,000	-100.0%
Total, Energy Efficiency and Renewable Energy	3,460,000	3,460,000	3,118,000	-342,000	-9.9%

Electricity

Transmission Reliability and Resilience	34,000	33,000	39,000	+6,000	+18.2%
Energy Delivery Grid Operations Technology	31,000	31,000	31,000	0	0.0%
Resilient Distribution Systems	55,000	53,000	49,000	-4,000	-7.5%
Cyber Resilient & Secure Utility Communications Network (SecureNet)	15,000	15,500	15,000	-500	-3.2%
Grid Controls and Communications	135,000	132,500	134,000	+1,500	+1.1%
Energy Storage R&D	95,000	92,500	94,800	+2,300	+2.5%
Energy Storage	95,000	92,500	94,800	+2,300	+2.5%
Transformer Resilience and Advanced Components	27,500	22,500	32,500	+10,000	+44.4%
Applied Grid Transformation Solutions	10,000	13,500	12,000	-1,500	-11.1%
Grid Hardware, Components, and Systems	132,500	128,500	139,300	+10,800	+8.4%
Grid Planning and Development (formerly, Transmission Permitting & Tech Assist.)	16,000	0	0	0	N/A
Grid Technical Assistance	25,000	0	0	0	N/A
Interregional and Offshore Transmission Planning	2,000	0	0	0	N/A
Wholesale Electricity Market Technical Assistance and Grants	16,500	0	0	0	N/A
Program Direction - OE	17,793	19,000	19,700	+700	+3.7%
Program Direction - GDO	5,207	0	0	0	N/A
Total Program Direction (OE)	23,000	19,000	19,700	+700	+3.7%
Total, Electricity	350,000	280,000	293,000	+13,000	+4.6%

DEPARTMENT OF ENERGY
Comparative Appropriation by Congressional Control

(Dollars in Thousands)

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			\$	%

Cybersecurity, Energy Security and Emergency Response

Risk Management Technology and Tools (270)	125,000	113,000	106,500	-6,500	-5.8%
Response and Restoration (270)	23,000	32,500	33,000	+500	+1.5%
Preparedness, Policy and Risk Analysis (270)	26,857	26,500	28,500	+2,000	+7.5%
Program Direction - CESER (270)	25,143	28,000	32,000	+4,000	+14.3%
Total, Cybersecurity, Energy Security and Emergency Response	200,000	200,000	200,000	0	0.0%

Office of Petroleum Reserves

Strategic Petroleum Reserve	207,175	213,390	241,169	+27,779	+13.0%
Naval Petroleum and Oil Shale Reserves	13,004	13,010	13,010	0	0.0%
SPR Petroleum Account	100	100	100	0	0.0%
Northeast Home Heating Oil Reserve	7,000	7,150	7,150	0	0.0%
Total, Office of Petroleum Reserves	227,279	233,650	261,429	+27,779	+11.9%

Nuclear Energy

University and Competitive Research Program (formerly NEUP, SBIR/STTR, and TCF)	130,276	140,000	143,400	+3,400	+2.4%
Advanced Small Modular Reactor RD&D	165,000	10,000	0	-10,000	-100.0%
Light Water Reactor Sustainability	45,000	45,000	35,000	-10,000	-22.2%
Advanced Reactor Technologies	49,000	54,000	43,800	-10,200	-18.9%
Integrated Energy Systems	0	0	9,500	+9,500	N/A
Reactor Concepts RD&D	259,000	109,000	88,300	-20,700	-19.0%
Mining, Conversion, and Transportation	2,000	1,500	2,000	+500	+33.3%
Materials Recovery and Waste Form Development	45,000	55,000	38,500	-16,500	-30.0%
Accident Tolerant Fuels	114,000	120,000	97,900	-22,100	-18.4%
TRISO Fuel and Graphite Qualification	32,000	35,000	0	-35,000	-100.0%
Fuel Cycle Laboratory R&D	29,000	34,000	15,000	-19,000	-55.9%
Advanced Nuclear Fuel Availability	0	100,000	150,000	+50,000	+50.0%
HALEU Availability	100,000	0	0	0	N/A
Used Nuclear Fuel Disposition R&D	47,000	47,000	47,000	0	0.0%
Integrated Waste Management System	53,000	55,000	53,000	-2,000	-3.6%
Next Generation Fuels	0	0	43,290	+43,290	N/A
Fuel Cycle Research & Development	422,000	447,500	446,690	-810	-0.2%
Crosscutting Technology Development	32,000	32,778	0	-32,778	-100.0%
Joint Modeling and Simulation Program	28,500	28,500	28,600	+100	+0.4%
Nuclear Science User Facilities	35,000	35,000	34,500	-500	-1.4%
Advanced Materials & Manufacturing Technologies	0	0	23,000	+23,000	N/A
Gateway for Accelerated Innovation in Nuclear	0	0	10,000	+10,000	N/A
Advanced Sensors and Instrumentation	0	0	9,000	+9,000	N/A
Nuclear Energy Enabling Technologies	95,500	96,278	105,100	+8,822	+9.2%
National Reactor Innovation Center	70,000	65,000	31,000	-34,000	-52.3%
Demonstration 1	30,000	30,000	0	-30,000	-100.0%
Demonstration 2	30,000	30,000	0	-30,000	-100.0%
Risk Reduction for Future Demonstrations	120,000	137,222	142,500	+5,278	+3.8%
Regulatory Development	10,250	16,000	15,000	-1,000	-6.3%
Advanced Reactor Safeguards	4,750	6,000	11,000	+5,000	+83.3%
23-E-200 LOTUS Project	20,000	32,000	18,748	-13,252	-41.4%
Advanced Reactors Demonstration Program	285,000	316,222	218,248	-97,974	-31.0%
INL Facilities Operations and Maintenance	318,924	326,000	333,922	+7,922	+2.4%
ORNL Nuclear Facilities O&M	20,000	0	0	0	N/A
16-E-200 Sample Preparation Laboratory	7,300	0	0	0	N/A
Infrastructure	346,224	326,000	333,922	+7,922	+2.4%
Idaho Sitewide Safeguards & Security (050)	150,000	160,000	150,000	-10,000	-6.3%
International Nuclear Energy Cooperation	0	0	8,000	+8,000	N/A
Program Direction - Nuclear Energy	85,000	90,000	97,000	+7,000	+7.8%
Total, Nuclear Energy	1,773,000	1,685,000	1,590,660	-94,340	-5.6%

Nuclear Waste Disposal Fund

Nuclear Waste Fund Oversight	10,205	12,040	12,040	0	0.0%
Total, Nuclear Waste Disposal Fund	10,205	12,040	12,040	0	0.0%

Fossil Energy and Carbon Management

Hydrogen with Carbon Management	95,000	85,000	85,000	0	0.0%
Carbon Transport and Storage	110,000	93,000	97,200	+4,200	+4.5%
Carbon Dioxide Removal	70,000	70,000	90,200	+20,200	+28.9%
Carbon Utilization	50,000	52,500	0	-52,500	-100.0%
Carbon Dioxide Conversion	0	0	60,000	+60,000	N/A
Carbon Capture	135,000	127,500	0	-127,500	-100.0%

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Point-Source Carbon Capture	0	0	96,200	+96,200	N/A
Carbon Management - Policy, Analysis and Engagement	0	0	7,000	+7,000	N/A
Carbon Management Technologies	460,000	428,000	435,600	+7,600	+1.8%
Advanced Remediation Technologies	55,000	53,000	15,000	-38,000	-71.7%
Methane Mitigation Technologies	60,000	55,000	75,800	+20,800	+37.8%
Natural Gas Decarbonization and Hydrogen Technologies	26,000	23,000	24,400	+1,400	+6.1%
Mineral Sustainability	54,000	70,000	78,200	+8,200	+11.7%
Resource Sustainability - Analysis and Engagement	0	0	2,000	+2,000	N/A
Resource Sustainability (formerly Resource Technologies and Sustainability)	195,000	201,000	195,400	-5,600	-2.8%
Energy Asset Transformation	6,000	6,000	6,000	0	0.0%
University Training and Research	13,000	10,000	19,000	+9,000	+90.0%
Special Recruitment Programs	1,000	1,000	1,000	0	0.0%
Program Direction - Fossil Energy	70,000	70,000	97,000	+27,000	+38.6%
NETL Infrastructure	55,000	55,000	51,000	-4,000	-7.3%
NETL Research and Operations	87,000	89,000	95,000	+6,000	+6.7%
NETL Interagency Working Group	3,000	5,000	0	-5,000	-100.0%
Total, Fossil Energy and Carbon Management	890,000	865,000	900,000	+35,000	+4.0%
Uranium Enrichment Decontamination and Decommissioning (UED&D)					
Oak Ridge (D&D Fund)	92,946	91,000	65,000	-26,000	-28.6%
Nuclear Facility D&D, Paducah	240,000	240,000	240,000	0	0.0%
Nuclear Facility D&D, Portsmouth	424,354	418,258	424,852	+6,594	+1.6%
20-U-401 On-site Waste Disposal Facility (Cell Line 2&3)	56,040	74,552	82,000	+7,448	+10.0%
25-U-401 On Site Waste Disposal Facility Liner Buildout and Final Cover System	0	0	5,875	+5,875	N/A
Construction - Portsmouth	56,040	74,552	87,875	+13,323	+17.9%
Pension and Community and Regulatory Support	50,912	31,190	31,455	+265	+0.8%
Title X Uranium Thorium Reimbursement Program	14,800	0	5,000	+5,000	N/A
Total, Uranium Enrichment Decontamination and Decommissioning (UED&D)	879,052	855,000	854,182	-818	-0.1%
Defense Uranium Enrichment D&D					
Defense Uranium Enrichment D&D Program	586,035	285,000	384,957	+99,957	+35.1%
Total, Defense Uranium Enrichment D&D	586,035	285,000	384,957	+99,957	+35.1%
Non-Defense Environmental Cleanup					
Fast Flux Test Reactor Facility (WA)	3,200	3,200	3,300	+100	+3.1%
Gaseous Diffusion Plants	130,938	140,485	136,387	-4,098	-2.9%
Small Sites - NDEC	132,463	108,435	86,000	-22,435	-20.7%
West Valley Demonstration Project - NDEC	89,882	89,880	88,949	-931	-1.0%
Management and Storage of Elemental Mercury	2,100	0	0	0	N/A
Mercury Receipts	3,000	3,000	3,000	0	0.0%
Use of Mercury Receipts	-3,000	-3,000	-3,000	0	0.0%
Total, Non-Defense Environmental Cleanup	358,583	342,000	314,636	-27,364	-8.0%
Science					
Research - Advanced Scientific Computing Research	991,000	1,015,000	1,136,682	+121,682	+12.0%
17-SC-20, SC Exascale Computing Project (SC-ECP)	77,000	0	0	0	N/A
24-SC-20, High Performance Data Facility	0	1,000	16,000	+15,000	+1,500.0%
Advanced Scientific Computing Research	1,068,000	1,016,000	1,152,682	+136,682	+13.5%
Research - Basic Energy Sciences	2,240,800	2,365,000	2,398,785	+33,785	+1.4%
24-SC-10, HFIR Pressure Vessel Replacement (PVR), ORNL	0	4,000	6,000	+2,000	+50.0%
24-SC-12, Future NSLS-II Experimental Tools - III (NEXT-III)	0	2,556	5,500	+2,944	+115.2%
21-SC-10, Cryomodule Repair and Maintenance Facility, SLAC	10,000	9,000	20,000	+11,000	+122.2%
19-SC-14, Second Target Station (STS), ORNL	32,000	52,000	52,000	0	0.0%
18-SC-10, Advanced Photon Source Upgrade (APS-U), ANL	9,200	0	0	0	N/A
18-SC-11, Spallation Neutron Source Proton Power Upgrade (PPU), ORNL	17,000	15,769	0	-15,769	-100.0%
18-SC-12, Advanced Light Source Upgrade (ALS-U), LBNL	135,000	57,300	0	-57,300	-100.0%
18-SC-13, Linac Coherent Light Source-II-High Energy (LCLS-II-HE), SLAC	90,000	120,000	100,000	-20,000	-16.7%
Construction - Basic Energy Sciences	293,200	260,625	183,500	-77,125	-29.6%
Basic Energy Sciences	2,534,000	2,625,625	2,582,285	-43,340	-1.7%
Research - Biological & Environmental Research	908,685	890,000	926,225	+36,225	+4.1%
24-SC-31, Microbial Molecular Phenotyping Capability (M2PC), PNNL	0	10,000	19,000	+9,000	+90.0%
Biological and Environmental Research - Construction	0	10,000	19,000	+9,000	+90.0%
Biological and Environmental Research	908,685	900,000	945,225	+45,225	+5.0%
Research - Fusion Energy Sciences	510,222	540,000	609,496	+69,496	+12.9%
20-SC-61, Matter in Extreme Conditions (MEC) Petawatt Upgrade, SLAC	11,000	10,000	10,000	0	0.0%
14-SC-60, U.S. Contributions to ITER (U.S. ITER)	242,000	240,000	225,000	-15,000	-6.3%
Construction - Fusion Energy Sciences	253,000	250,000	235,000	-15,000	-6.0%
Fusion Energy Sciences	763,222	790,000	844,496	+54,496	+6.9%

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Research - High Energy Physics	868,000	824,000	825,768	+1,768	+0.2%
18-SC-42, Proton Improvement Plan II (PIP-II), FNAL	120,000	125,000	125,000	0	0.0%
11-SC-40, Long Baseline Neutrino Facility/Deep Underground Neutrino Experiment	176,000	251,000	280,000	+29,000	+11.6%
11-SC-41, Muon to Electron Conversion Experiment, FNAL	2,000	0	0	0	N/A
Construction - High Energy Physics	298,000	376,000	405,000	+29,000	+7.7%
High Energy Physics	1,166,000	1,200,000	1,230,768	+30,768	+2.6%
Research	755,196	709,000	723,091	+14,091	+2.0%
20-SC-52, Electron Ion Collider, BNL	50,000	95,000	110,000	+15,000	+15.8%
Construction - Nuclear Physics	50,000	95,000	110,000	+15,000	+15.8%
Nuclear Physics	805,196	804,000	833,091	+29,091	+3.6%
Research - Isotope R&D and Production	85,451	99,793	135,000	+35,207	+35.3%
20-SC-51, U.S. Stable Isotope Production and Research Center (SIPRC), ORNL	24,000	20,900	45,900	+25,000	+119.6%
24-SC-92, Clinical Alpha Radionuclide Producer (CARP), BNL	0	1,000	1,000	0	0.0%
24-SC-91, Radioisotope Processing Facility (RPF), ORNL	0	8,500	2,000	-6,500	-76.5%
Construction - Isotope R&D and Production	24,000	30,400	48,900	+18,500	+60.9%
Isotope R&D and Production	109,451	130,193	183,900	+53,707	+41.3%
Research - Accelerator R&D and Production	27,436	29,000	31,273	+2,273	+7.8%
Accelerator R&D and Production	27,436	29,000	31,273	+2,273	+7.8%
Workforce Development for Teachers & Scientists	42,000	40,000	43,100	+3,100	+7.8%
Payment In Lieu of Taxes	4,891	5,004	5,119	+115	+2.3%
Oak Ridge Landlord	6,559	6,910	7,032	+122	+1.8%
Oak Ridge Nuclear Operations	26,000	46,000	46,000	0	0.0%
Facilities and Infrastructure (SLI)	13,900	18,530	50,029	+31,499	+170.0%
Laboratory Operations Internship	0	3,000	5,000	+2,000	+66.7%
21-SC-71, Princeton Plasma Innovation Center, PPPL	10,000	15,000	35,000	+20,000	+133.3%
21-SC-72, Critical Infrastructure Recovery & Renewal, PPPL	4,000	10,000	20,000	+10,000	+100.0%
21-SC-73, Ames Infrastructure Modernization	2,000	8,000	0	-8,000	-100.0%
20-SC-71, Critical Utilities Rehabilitation Project, BNL	26,000	0	0	0	N/A
20-SC-72, Seismic and Safety Modernization, LBNL	27,500	35,000	18,000	-17,000	-48.6%
20-SC-73, CEBAF Renovation and Expansion, TJNAF	15,000	11,000	11,000	0	0.0%
20-SC-75, Large Scale Collaboration Center, SLAC	21,000	0	0	0	N/A
20-SC-77, Argonne Utilities Upgrade, ANL	8,000	8,007	3,000	-5,007	-62.5%
20-SC-78, Linear Assets Modernization Project, LBNL	23,425	18,900	30,000	+11,100	+58.7%
20-SC-79, Critical Utilities Infrastructure Revitalization, SLAC	25,425	30,000	20,000	-10,000	-33.3%
20-SC-80, Utilities Infrastructure Project, FNAL	20,000	35,000	45,000	+10,000	+28.6%
19-SC-74, BioEPIC, LBNL	45,000	38,000	0	-38,000	-100.0%
22-SC-71, Critical Infrastructure Modernization Project (CIMP), ORNL	1,000	0	0	0	N/A
22-SC-72, Thomas Jefferson Infrastructure Improvements (TJII), TJNAF	1,000	0	0	0	N/A
Construction - Science Laboratories Infrastructure	229,350	208,907	182,000	-26,907	-12.9%
Science Laboratories Infrastructure	280,700	288,351	295,180	+6,829	+2.4%
Safeguards and Security - SC	184,099	190,000	195,000	+5,000	+2.6%
Program Direction - SC	211,211	226,831	246,000	+19,169	+8.5%
Total, Science	8,100,000	8,240,000	8,583,000	+343,000	+4.2%
Federal Energy Management Program					
Federal Energy Management (FEMP)	0	0	32,800	+32,800	N/A
Federal Energy Efficiency Fund (FEMP)	0	0	14,000	+14,000	N/A
Program Direction - FEMP	0	0	17,200	+17,200	N/A
Total, Federal Energy Management Program	0	0	64,000	+64,000	N/A
Grid Deployment Office					
Transmission Planning & Permitting (GDO)	0	38,250	35,500	-2,750	-7.2%
Distribution & Markets (GDO)	0	15,500	24,335	+8,835	+57.0%
Hydropower Incentives (GDO)	0	250	250	0	0.0%
Microgrid Generation & Design Deployment (GDO)	0	0	30,000	+30,000	N/A
Program Direction GDO	0	6,000	11,785	+5,785	+96.4%
Total, Grid Deployment Office	0	60,000	101,870	+41,870	+69.8%
Office of Manufacturing & Energy Supply Chains					
Workforce Capacity and Competitiveness (MESCC)	0	0	20,000	+20,000	N/A
Manufacturing Capacity and Competitiveness (MESCC)	0	0	53,350	+53,350	N/A
Supply Chain Mapping, Modeling & Analysis (MESCC)	0	0	20,000	+20,000	N/A
Program Direction - MESCC	0	0	20,000	+20,000	N/A
Total, Office of Manufacturing & Energy Supply Chains	0	0	113,350	+113,350	N/A
Office of State and Community Programs					
Weatherization Assistance Program (SCEP)	0	0	385,000	+385,000	N/A
Community Energy Programs	0	0	44,000	+44,000	N/A

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	FY 2023 Enacted ^{(1),(2),(3)}	FY 2024 Enacted	FY 2025 President's Budget ⁽⁴⁾	FY 2025 President's Budget vs. FY 2024 Enacted	
				\$	%
Energy Future Grants (SCEP)	0	0	35,000	+35,000	N/A
State Energy Program (SCEP)	0	0	70,000	+70,000	N/A
Program Direction - SCEP	0	0	40,000	+40,000	N/A
Total, Office of State and Community Programs	0	0	574,000	+574,000	N/A
Departmental Administration					
Office of the Secretary	6,642	6,642	7,215	+573	+8.6%
Congressional & Intergovernmental Affairs	5,000	5,000	7,112	+2,112	+42.2%
Office of the Chief Financial Officer	62,283	63,283	67,345	+4,062	+6.4%
Economic Impact & Diversity	34,140	0	36,530	+36,530	N/A
Office of International Affairs	32,000	0	37,874	+37,874	N/A
Chief Information Officer	215,000	220,000	229,434	+9,434	+4.3%
Artificial Intelligence and Technology Office	1,000	0	0	0	N/A
Industrial Emissions and Technology Coordination	0	3,500	2,000	-1,500	-42.9%
Other Departmental Administration	191,161	252,435	221,388	-31,047	-12.3%
Strategic Partnership Projects	40,000	40,000	40,000	0	0.0%
Revenues Associated with SPP	-40,000	-40,000	-40,000	0	0.0%
Other Revenues	-60,578	-60,578	-60,578	0	0.0%
Miscellaneous Revenues	-100,578	-100,578	-100,578	0	0.0%
Subtotal, Departmental Administration (Gross)	486,648	490,282	548,320	+58,038	+11.8%
Defense Related Administrative Support	-203,648	-203,782	-213,649	-9,867	-4.8%
Total, Departmental Administration	283,000	286,500	334,671	+48,171	+16.8%
Inspector General					
Program Direction - Office of Inspector General	86,000	86,000	149,000	+63,000	+73.3%
Total, Inspector General	86,000	86,000	149,000	+63,000	+73.3%
Office of Technology Transitions					
Technology Transitions Program Office	8,915	5,000	10,915	+5,915	+118.3%
Office of Technology Transitions Program Direction	13,183	11,500	13,183	+1,683	+14.6%
Foundation for Energy Security and Innovation	0	3,500	3,000	-500	-14.3%
Total, Office of Technology Transitions	22,098	20,000	27,098	+7,098	+35.5%
Energy Information Administration					
Energy Information Administration (EIA)	135,000	135,000	141,653	+6,653	+4.9%
Total, Energy Information Administration	135,000	135,000	141,653	+6,653	+4.9%
Advanced Research Projects Agency - Energy					
ARPA-E Projects	433,000	420,000	408,000	-12,000	-2.9%
Program Direction - ARPA-E	37,000	40,000	42,000	+2,000	+5.0%
Total, Advanced Research Projects Agency - Energy	470,000	460,000	450,000	-10,000	-2.2%
Office of Clean Energy Demonstrations					
Clean Energy Demonstrations	64,000	22,500	100,000	+77,500	+344.4%
Program Direction - OCED	25,000	27,500	80,000	+52,500	+190.9%
Total, Office of Clean Energy Demonstrations	89,000	50,000	180,000	+130,000	+260.0%
Indian Energy Policy and Programs					
Indian Energy Policy & Programs	61,000	56,000	81,000	+25,000	+44.6%
Program Direction - Indian Energy Program	14,000	14,000	14,000	0	0.0%
Total, Indian Energy Policy and Programs	75,000	70,000	95,000	+25,000	+35.7%
Credit Programs					
Title 17 Innovative Technology Loan Guarantee Program					
Administrative Expenses	66,206	70,000	55,000	-15,000	-21.4%
Offsetting Collections - Title 17 Innovative Technology Loan Guarantee Program	-52,224	-70,000	-239,558	-169,558	-242.2%
Guaranteed Loan Subsidy Rescission	-150,000	0	0	0	N/A
Total, Title 17 Innovative Technology Loan Guarantee Program	-136,018	0	-184,558	-184,558	N/A
Advanced Technology Vehicles Manufacturing Loan Program					
Administrative Expenses - ATVM	9,800	13,000	27,508	+14,508	+111.6%
Total, Advanced Technology Vehicles Manufacturing Loan Program	9,800	13,000	27,508	+14,508	+111.6%
Tribal Energy Loan Guarantee Program					

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				\$	%
Administrative Expenses - Tribal Energy Loan Guarantee Program	2,000	6,300	6,300	0	0.0%
Tribal Energy Loan Guarantee Credit Subsidy	2,000	0	0	0	N/A
Total, Tribal Energy Loan Guarantee Program	4,000	6,300	6,300	0	0.0%
Total, Credit Programs	-122,218	19,300	-150,750	-170,050	-881.1%
Energy Projects	221,969	83,724	0	-83,724	-100.0%
Critical and Emerging Technologies	0	0	5,000	+5,000	N/A
National Nuclear Security Administration					
Weapons Activities					
B61-12 LEP	672,019	449,850	27,500	-422,350	-93.9%
W88 ALT 370	162,057	178,823	78,700	-100,123	-56.0%
W80-4 LEP	1,122,451	1,009,929	1,164,750	+154,821	+15.3%
W80-4 ALT-SLCM	20,000	70,000	0	-70,000	-100.0%
W87-1 Modification Program	680,127	1,068,909	1,096,033	+27,124	+2.5%
W93 Program	240,509	389,656	455,776	+66,120	+17.0%
B61-13	0	52,000	16,000	-36,000	-69.2%
Stockpile Major Modernization	2,897,163	3,219,167	2,838,759	-380,408	-11.8%
B61 Stockpile Systems	130,664	132,930	0	-132,930	-100.0%
W76 Stockpile Systems	190,577	205,309	0	-205,309	-100.0%
W78 Stockpile Systems	140,209	110,409	0	-110,409	-100.0%
W80 Stockpile Systems	98,318	69,285	0	-69,285	-100.0%
B83 Stockpile Systems	58,930	30,877	0	-30,877	-100.0%
W87 Stockpile Systems	124,541	125,470	0	-125,470	-100.0%
W88 Stockpile Systems	139,934	120,364	0	-120,364	-100.0%
Multi-Weapon Systems	437,966	481,934	0	-481,934	-100.0%
Stockpile Sustainment (SS)	0	0	1,356,260	+1,356,260	N/A
Stockpile Sustainment	1,321,139	1,276,578	1,356,260	+79,682	+6.2%
Weapons Dismantlement and Disposition	56,000	56,000	54,100	-1,900	-3.4%
Production Operations	630,894	710,822	816,567	+105,745	+14.9%
Nuclear Enterprise Assurance	48,911	66,614	75,002	+8,388	+12.6%
Stockpile Management	4,954,107	5,329,181	5,140,688	-188,493	-3.5%
Los Alamos Pit Production	767,412	833,100	984,611	+151,511	+18.2%
21-D-512, Plutonium Pit Production Project, LANL	588,234	670,000	470,000	-200,000	-29.9%
15-D-302, TA-55 Reinvestments Project, Phase 3, LANL	30,002	30,000	39,475	+9,475	+31.6%
07-D-220-04, Transuranic Liquid Waste Facility, LANL	24,759	0	0	0	N/A
04-D-125, Chemistry and Metallurgy Research Replacement Project, LANL	138,123	227,122	0	-227,122	-100.0%
Los Alamos Plutonium Modernization	1,548,530	1,760,222	1,494,086	-266,136	-15.1%
Savannah River Pit Production	58,300	62,764	75,332	+12,568	+20.0%
21-D-511, Savannah River Plutonium Processing Facility, SRS	1,200,000	1,000,235	1,200,000	+199,765	+20.0%
Savannah River Plutonium Modernization	1,258,300	1,062,999	1,275,332	+212,333	+20.0%
Enterprise Pit Production Support	88,993	87,779	121,964	+34,185	+38.9%
Plutonium Modernization	2,895,823	2,911,000	2,891,382	-19,618	-0.7%
High Explosives & Energetics	101,380	93,558	115,675	+22,117	+23.6%
23-D-516 Energetic Materials Characterization Facility, LANL	19,000	0	0	0	N/A
21-D-510 HE Synthesis Formulation and Production, PX	108,000	83,000	0	-83,000	-100.0%
15-D-301, HE Science & Engineering Facility, PX	20,000	101,356	15,000	-86,356	-85.2%
HE & Energetics	248,380	277,914	130,675	-147,239	-53.0%
Primary Capability Modernization	3,144,203	3,188,914	3,022,057	-166,857	-5.2%
18-D-690, Lithium Processing Facility, Y-12	216,886	210,770	260,000	+49,230	+23.4%
06-D-141, Uranium Processing Facility, Y-12	362,000	810,000	800,000	-10,000	-1.2%
Secondary Capability Modernization (SCM)	536,363	666,914	755,353	+88,439	+13.3%
Secondary Capability Modernization	1,115,249	1,687,684	1,815,353	+127,669	+7.6%
Tritium & Domestic Uranium Enrichment	506,649	592,992	661,738	+68,746	+11.6%
18-D-650 Tritium Finishing Facility, SRS	73,300	35,000	0	-35,000	-100.0%
Tritium and Domestic Uranium Enrichment	579,949	627,992	661,738	+33,746	+5.4%
Non-Nuclear Capability Modernization	123,084	166,990	141,300	-25,690	-15.4%
22-D-513, Power Sources Capability, SNL	0	37,886	50,000	+12,114	+32.0%
Total, Non-Nuclear Capability Modernization	123,084	204,876	191,300	-13,576	-6.6%
Capability Based Investments	154,220	156,462	153,244	-3,218	-2.1%
Warhead Assembly Modernization	0	0	34,000	+34,000	N/A
Total, Warhead Assembly	0	0	34,000	+34,000	N/A
Production Modernization	5,116,705	5,865,928	5,877,692	+11,764	+0.2%
Primary Assessment Technologies	154,507	160,000	183,716	+23,716	+14.8%
Dynamic Materials Properties	124,366	128,000	139,982	+11,982	+9.4%
Advanced Diagnostics	31,064	35,141	31,500	-3,641	-10.4%
Secondary Assessment Technologies	72,104	74,880	56,581	-18,299	-24.4%
Enhanced Capabilities for Subcritical Experiments	277,225	292,373	240,298	-52,075	-17.8%
Hydrodynamic and Subcritical Execution Support	142,402	146,163	182,173	+36,010	+24.6%

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				\$	%
17-D-640, U1a Complex Enhancements Project, NNSS	53,130	126,570	73,083	-53,487	-42.3%
24-D-513 ZEUS Test Bed Facilities Improvement, NNSS	0	80,000	0	-80,000	-100.0%
Assessment Science	854,798	1,043,127	907,333	-135,794	-13.0%
Archiving and Support	43,950	44,805	39,679	-5,126	-11.4%
Delivery Environments	37,674	38,388	38,247	-141	-0.4%
Weapons Survivability	93,303	88,368	82,002	-6,366	-7.2%
Studies and Assessments	5,000	49,000	69,000	+20,000	+40.8%
Aging and Lifetimes	87,260	59,955	60,072	+117	+0.2%
Stockpile Responsiveness	63,742	69,882	70,000	+118	+0.2%
Advanced Certification and Qualification	58,104	59,134	59,000	-134	-0.2%
Engineering and Integrated Assessments	389,033	409,532	418,000	+8,468	+2.1%
Inertial Confinement Fusion	630,000	690,000	682,830	-7,170	-1.0%
Weapons Technology and Manufacturing Maturation	286,165	307,745	286,489	-21,256	-6.9%
Advanced Simulation & Computing	790,000	830,000	879,500	+49,500	+6.0%
Stockpile Research, Technology, and Engineering	2,949,996	3,280,404	3,174,152	-106,252	-3.2%
Academic Programs and Community Support	111,912	122,000	128,188	+6,188	+5.1%
Operations of Facilities	1,038,000	1,053,000	1,305,000	+252,000	+23.9%
Safety and Environmental Operations	162,000	139,114	191,958	+52,844	+38.0%
Maintenance and Repair of Facilities	651,617	708,000	881,000	+173,000	+24.4%
Recapitalization	561,663	609,665	778,408	+168,743	+27.7%
Operating	2,413,280	2,509,779	3,156,366	+646,587	+25.8%
25-D-511 PULSE New Access, NNSS	0	0	25,000	+25,000	N/A
25-D-510 Plutonium Mission Safety & Quality Building, LANL	0	0	48,500	+48,500	N/A
23-D-519, Special Material Facility, Y-12	49,500	0	0	0	N/A
23-D-518 Plutonium Modernization Operations & Waste Management Office Bldg, LANL	48,500	0	0	0	N/A
23-D-517 Electrical Power Capacity Upgrade, LANL	24,000	75,000	70,000	-5,000	-6.7%
22-D-514 Digital Infrastructure Capability Expansion, LLNL	67,300	0	0	0	N/A
Mission Enabling Construction	189,300	75,000	143,500	+68,500	+91.3%
I&O - Construction	189,300	75,000	143,500	+68,500	+91.3%
Infrastructure and Operations	2,602,580	2,584,779	3,299,866	+715,087	+27.7%
STA Operations and Equipment	214,367	239,008	236,160	-2,848	-1.2%
Program Direction - STA - Federal Support	130,070	118,056	135,264	+17,208	+14.6%
Secure Transportation Asset	344,437	357,064	371,424	+14,360	+4.0%
Operations and Maintenance - DNS	868,172	988,385	1,126,000	+137,615	+13.9%
17-D-710, West End Protected Area Reduction Project, Y-12	3,928	50,000	54,000	+4,000	+8.0%
Construction - Defense Nuclear Security	3,928	50,000	54,000	+4,000	+8.0%
Defense Nuclear Security (DNS)	872,100	1,038,385	1,180,000	+141,615	+13.6%
Information Technology and Cybersecurity	445,654	578,379	646,000	+67,621	+11.7%
Legacy Contractor Pensions and Settlement Payments (WA)	114,632	65,452	30,634	-34,818	-53.2%
Use of Prior Year Balance - Weapons Activities	-396,004	-113,572	0	+113,572	+100.0%
Total, Weapons Activities	17,116,119	19,108,000	19,848,644	+740,644	+3.9%
Defense Nuclear Nonproliferation					
Conversion	153,260	166,675	0	-166,675	-100.0%
Reactor Conversion and Uranium Supply	0	0	145,227	+145,227	N/A
Nuclear Material Removal	55,000	47,100	0	-47,100	-100.0%
Nuclear Material Removal and Elimination	0	0	38,825	+38,825	N/A
Material Disposition	256,025	282,250	0	-282,250	-100.0%
Plutonium Disposition	0	0	193,045	+193,045	N/A
Material Management and Minimization	464,285	496,025	377,097	-118,928	-24.0%
International Nuclear Security	87,763	84,707	87,768	+3,061	+3.6%
Radiological Security	260,000	258,033	260,000	+1,967	+0.8%
Nuclear Smuggling Detection and Deterrence	185,000	181,308	196,096	+14,788	+8.2%
Global Material Security	532,763	524,048	543,864	+19,816	+3.8%
Nonproliferation & Arms Control	230,656	212,358	224,980	+12,622	+5.9%
Proliferation Detection	299,283	290,388	317,158	+26,770	+9.2%
Nuclear Detonation Detection	279,205	285,603	323,058	+37,455	+13.1%
Nonproliferation Fuels Development	20,000	20,000	0	-20,000	-100.0%
Forensics R&D	44,414	44,759	37,759	-7,000	-15.6%
Nonproliferation Stewardship Program	125,000	125,000	124,875	-125	-0.1%
Defense Nuclear Nonproliferation R&D	767,902	765,750	802,850	+37,100	+4.8%
NNSA Bioassurance Program	20,000	0	0	0	N/A
18-D-150, Surplus Plutonium Disposition Project, SRS	71,764	77,211	40,000	-37,211	-48.2%
Nonproliferation Construction	71,764	77,211	40,000	-37,211	-48.2%
Emergency Management	29,896	19,123	23,847	+4,724	+24.7%
Counterterrorism and Counterproliferation	440,074	483,898	512,342	+28,444	+5.9%
Nuclear Counterterrorism & Incident Response	469,970	503,021	536,189	+33,168	+6.6%
Legacy Contractor Pensions and Settlement Payments - DNN	55,708	22,587	7,128	-15,459	-68.4%
Use of Prior Year Balance - Defense Nuclear Nonproliferation	-123,048	-20,000	-67,000	-47,000	-235.0%

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Total, Defense Nuclear Nonproliferation	2,490,000	2,581,000	2,465,108	-115,892	-4.5%
Naval Reactors					
Naval Reactors Development	746,000	820,240	868,380	+48,140	+5.9%
Columbia-Class Reactor Systems Development	53,900	52,900	45,610	-7,290	-13.8%
S8G Prototype Refueling	20,000	0	0	0	N/A
Naval Reactors Operations and Infrastructure	668,802	712,036	763,263	+51,227	+7.2%
Program Direction - Naval Reactors	58,525	61,540	62,848	+1,308	+2.1%
25-D-530 Naval Examination Acquisition Project	0	0	45,000	+45,000	N/A
23-D-533 BL Component Test Complex	57,420	0	0	0	N/A
22-D-532 KL Security Upgrades	0	0	41,670	+41,670	N/A
22-D-531 KL Chemistry and Radiological Health Building	0	10,400	0	-10,400	-100.0%
21-D-530 KL Steam and Condensate Upgrades	0	53,000	0	-53,000	-100.0%
24-D-530 NRF Medical Science Complex	0	36,584	0	-36,584	-100.0%
14-D-901 Spent Fuel Handling Recapitalization Project, NRF	476,798	199,300	292,002	+92,702	+46.5%
Construction - Naval Reactors	534,218	299,284	378,672	+79,388	+26.5%
Total, Naval Reactors	2,081,445	1,946,000	2,118,773	+172,773	+8.9%
Federal Salaries and Expenses					
Program Direction - National Nuclear Security Administration	491,800	500,000	564,475	+64,475	+12.9%
Use of Prior Year Balance - Federal Salaries and Expenses	-16,800	0	0	0	N/A
Total, Federal Salaries and Expenses	475,000	500,000	564,475	+64,475	+12.9%
Total, National Nuclear Security Administration	22,162,564	24,135,000	24,997,000	+862,000	+3.6%
Defense Environmental Cleanup					
Closure Sites Administration	4,067	3,023	1,350	-1,673	-55.3%
River Corridor and Other Cleanup Operations	279,085	200,000	133,000	-67,000	-33.5%
Central Plateau Remediation	695,071	784,489	773,030	-11,459	-1.5%
Richland Community and Regulatory Support	10,013	10,700	11,130	+430	+4.0%
18-D-404 WESF Modification and Capsule Storage	3,100	0	0	0	N/A
22-D-401 Eastern Plateau Fire Station	3,100	7,000	13,500	+6,500	+92.9%
22-D-402 L-897, 200 Area Water Treatment Facility	8,900	11,200	7,800	-3,400	-30.4%
23-D-404 181D Export Water System Reconfiguration and Upgrade	6,770	27,149	18,886	-8,263	-30.4%
23-D-405 181B Export Water System Reconfiguration and Upgrade	480	462	1,168	+706	+152.8%
24-D-401 Environmental Restoration Disposal Facility Supercell 11 Expansion Proj	0	1,000	25,000	+24,000	+2,400.0%
Construction - Richland	22,350	46,811	66,354	+19,543	+41.7%
Richland	1,006,519	1,042,000	983,514	-58,486	-5.6%
Waste Treatment Immobilization Plant Commissioning	50,000	50,000	466,000	+416,000	+832.0%
Rad Liquid Tank Waste Stabilization and Disposition	851,100	994,691	832,065	-162,626	-16.3%
01-D-16D High-Level Waste Facility	392,200	600,000	608,100	+8,100	+1.4%
01-D-16E Pretreatment Facility	20,000	20,000	20,000	0	0.0%
15-D-409 Low Activity Waste Pretreatment System	0	60,000	37,500	-22,500	-37.5%
18-D-16 Waste treatment and immobilization plant - LBL/Direct Feed LAW	412,700	150,000	0	-150,000	-100.0%
23-D-403, Hanford 200 West Area Tank Farms Risk Management Project	4,408	15,309	37,500	+22,191	+145.0%
Construction - Office of River Protection	829,308	845,309	703,100	-142,209	-16.8%
Office of River Protection (ORP)	1,730,408	1,890,000	2,001,165	+111,165	+5.9%
Idaho Cleanup and Waste Disposition	424,295	425,000	430,678	+5,678	+1.3%
Idaho Community and Regulatory Support	2,705	2,705	3,315	+610	+22.6%
22-D-403 Idaho Spent Nuclear Fuel Staging Facility	8,000	2,000	0	-2,000	-100.0%
22-D-404 Additional ICDF Landfill Disposal Cell and Evaporation Ponds Project	8,000	46,500	25,250	-21,250	-45.7%
23-D-402 - Calcine Construction	15,000	2,000	0	-2,000	-100.0%
Construction - Idaho	31,000	50,500	25,250	-25,250	-50.0%
Idaho National Laboratory (INL)	458,000	478,205	459,243	-18,962	-4.0%
Lawrence Livermore National Laboratory (LLNL)	1,842	1,879	1,917	+38	+2.0%
Separations Processing Research Unit	15,300	15,300	845	-14,455	-94.5%
Nevada Site	62,652	73,352	63,377	-9,975	-13.6%
Sandia National Laboratory (SNL)	4,003	2,264	1,816	-448	-19.8%
Los Alamos National Laboratory (LANL)	286,316	273,831	273,610	-221	-0.1%
Los Alamos Excess Facilities D&D	40,519	13,648	1,622	-12,026	-88.1%
LLNL Excess Facilities D&D	35,000	35,000	0	-35,000	-100.0%
NNSA Sites and Nevada Off-Sites	445,632	415,274	343,187	-72,087	-17.4%
OR Nuclear Facility D&D	334,221	364,000	342,705	-21,295	-5.9%
U233 Disposition Program	55,628	55,000	60,000	+5,000	+9.1%
OR Cleanup and Waste Disposition	62,000	72,000	72,000	0	0.0%
14-D-403 Outfall 200 Mercury Treatment Facility	10,000	30,000	30,000	0	0.0%
17-D-401 On-site Waste Disposal Facility	35,000	35,000	40,000	+5,000	+14.3%
Construction - Oak Ridge	45,000	65,000	70,000	+5,000	+7.7%
OR Community and Regulatory Support	5,300	5,500	5,700	+200	+3.6%
OR Technology Development and Deployment	3,000	3,000	3,300	+300	+10.0%
Oak Ridge (OR)	505,149	564,500	553,705	-10,795	-1.9%

DEPARTMENT OF ENERGY
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(Dollars in Thousands)

	FY 2023 Enacted ^{(1),(2),(3)}	FY 2024 Enacted	FY 2025 President's Budget ⁽⁴⁾	FY 2025 President's Budget vs. FY 2024 Enacted	
				\$	%
Savannah River Risk Management Operations	485,864	452,866	400,538	-52,328	-11.6%
18-D-402 Emergency Operations Center Replacement, SR	25,568	34,733	0	-34,733	-100.0%
19-D-701 SR Security Systems Replacement	12,000	0	6,000	+6,000	N/A
Construction - Savannah River Risk Management Operations	37,568	34,733	6,000	-28,733	-82.7%
Total, Savannah River Risk Management Operations	523,432	487,599	406,538	-81,061	-16.6%
SR Community and Regulatory Support	12,137	12,389	5,198	-7,191	-58.0%
Savannah River National Laboratory Operations & Maintenance	41,000	42,000	90,000	+48,000	+114.3%
Radioactive Liquid Tank Waste Stabilization and Disposition	851,660	986,573	971,235	-15,338	-1.6%
18-D-401 Saltstone disposal unit #8/9	49,832	31,250	0	-31,250	-100.0%
20-D-401 Saltstone Disposal Unit #10, 11, 12	37,668	56,250	82,500	+26,250	+46.7%
Construction - Savannah River Sites	87,500	87,500	82,500	-5,000	-5.7%
Savannah River Legacy Pensions	132,294	33,000	0	-33,000	-100.0%
Savannah River Sites	1,648,023	1,649,061	1,555,471	-93,590	-5.7%
Waste Isolation Pilot Plant (WIPP)	353,424	369,961	413,874	+43,913	+11.9%
15-D-411 Safety Significant Confinement Ventilation System, WIPP	59,073	44,365	10,346	-34,019	-76.7%
15-D-412 Utility Shaft, WIPP	46,200	50,000	1,200	-48,800	-97.6%
Construction - Waste Isolation Pilot Plant	105,273	94,365	11,546	-82,819	-87.8%
Total Waste Isolation Pilot Plant	458,697	464,326	425,420	-38,906	-8.4%
Program Direction - Defense Environmental Cleanup	317,002	326,893	334,958	+8,065	+2.5%
Program Support - Defense Environmental Cleanup	82,283	63,504	105,885	+42,381	+66.7%
Safeguards and Security - Defense Environmental Cleanup	329,220	352,645	265,197	-87,448	-24.8%
Technology Development and Deployment	40,000	35,569	30,600	-4,969	-14.0%
Total, Defense Environmental Cleanup	7,025,000	7,285,000	7,059,695	-225,305	-3.1%
Other Defense Activities					
Program Direction - Environment, Health, Safety and Security	76,685	86,558	90,555	+3,997	+4.6%
Environment, Health, Safety & Security	138,854	144,705	141,908	-2,797	-1.9%
Environment, Health, Safety, and Security	215,539	231,263	232,463	+1,200	+0.5%
Program Direction - Office of Enterprise Assessments	57,941	64,132	64,132	0	0.0%
Enterprise Assessments	27,486	30,022	30,022	0	0.0%
Office of Enterprise Assessments	85,427	94,154	94,154	0	0.0%
Specialized Security Activities	335,000	350,000	390,000	+40,000	+11.4%
Legacy Management Activities - Defense	168,926	173,680	181,289	+7,609	+4.4%
Program Direction - Legacy Management	21,983	22,622	23,969	+1,347	+6.0%
Legacy Management	190,909	196,302	205,258	+8,956	+4.6%
Defense-Related Administrative Support	203,648	203,782	213,649	+9,867	+4.8%
Office Of Hearings And Appeals	4,477	4,499	4,499	0	0.0%
Total, Other Defense Activities	1,035,000	1,080,000	1,140,023	+60,023	+5.6%
Power Marketing Administrations					
Southeastern Power Administration					
Purchase Power and Wheeling - SEPA	92,687	86,019	89,816	+3,797	+4.4%
Program Direction - SEPA	8,273	8,449	9,127	+678	+8.0%
Offsetting collections (for PD) - SEPA	-8,173	-8,449	-9,127	-678	-8.0%
Offsetting collections (for PPW) - SEPA	-78,696	-71,850	-75,778	-3,928	-5.5%
Offsetting Collections - SEPA	-86,869	-80,299	-84,905	-4,606	-5.7%
Less alternative financing (for PD) - SEPA	-100	0	0	0	N/A
Less alternative financing (for PPW) - SEPA	-13,991	-14,169	-14,038	+131	+0.9%
Less alternative financing - SEPA	-14,091	-14,169	-14,038	+131	+0.9%
Total, Southeastern Power Administration	0	0	0	0	N/A
Southwestern Power Administration					
Operation And Maintenance - SWPA	15,517	16,759	16,910	+151	+0.9%
Construction - SWPA	16,035	13,806	3,681	-10,125	-73.3%
Purchase Power And Wheeling - SWPA	93,000	120,000	120,000	0	0.0%
Program Direction - SWPA	38,250	39,172	42,300	+3,128	+8.0%
Subtotal, SWPA	162,802	189,737	182,891	-6,846	-3.6%
Offsetting Collections (for O&M) - SWPA	-7,998	-8,884	-9,637	-753	-8.5%
Offsetting Collections (for PD) - SWPA	-34,882	-32,002	-33,993	-1,991	-6.2%
Offsetting Collections (for PPW) - SWPA	-70,000	-80,000	-80,000	0	0.0%
Offsetting Collections - SWPA	-112,880	-120,886	-123,630	-2,744	-2.3%

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				\$	%
Less alternative financing (for O&M) - SWPA	-5,279	-4,388	-3,858	+530	+12.1%
Less alternative financing (for Construction) - SWPA	-11,035	-8,806	0	+8,806	+100.0%
Less alternative financing (for PPW) - SWPA	-23,000	-40,000	-40,000	0	0.0%
Less alternative financing (for PD) - SWPA	0	-4,217	-3,963	+254	+6.0%
Less alternative financing - SWPA	-39,314	-57,411	-47,821	+9,590	+16.7%
Total, Southwestern Power Administration	10,608	11,440	11,440	0	0.0%
Western Area Power Administration					
Operation And Maintenance - CROM	85,229	130,131	170,617	+40,486	+31.1%
Construction And Rehabilitation - CROM	47,189	0	0	0	N/A
Purchase Power And Wheeling - CROM	715,824	715,824	688,345	-27,479	-3.8%
Program Direction - CROM	277,287	295,039	319,946	+24,907	+8.4%
Construction, Rehabilitation, Operation, and Maintenance (CROM) - WP	1,125,529	1,140,994	1,178,908	+37,914	+3.3%
Less alternative financing (for O&M) - CROM	-7,641	-42,276	-79,848	-37,572	-88.9%
Less alternative financing (for Construction) - CROM	-38,219	0	0	0	N/A
Less alternative financing (for PPW) - CROM	-240,824	-240,824	-163,345	+77,479	+32.2%
Less alternative financing (for PD) - CROM	-54,868	-60,084	-57,657	+2,427	+4.0%
Less alternative financing - CROM	-341,552	-343,184	-300,850	+42,334	+12.3%
Purchase Power & Wheeling Financed from Offsetting (P.L. 108-447/109-103)	-475,000	-475,000	-525,000	-50,000	-10.5%
Offsetting Collections - Colorado River Dam (P.L. 98-381)	-9,404	-9,521	-11,075	-1,554	-16.3%
Offsetting Collections (for O&M) - CROM	-29,180	-29,449	-30,917	-1,468	-5.0%
Offsetting Collections (for PD) - CROM	-171,661	-183,968	-210,194	-26,226	-14.3%
Offsetting Collections - CROM	-685,245	-697,938	-777,186	-79,248	-11.4%
Rescission of Prior Year Balances - Western Area Power Administration	0	0	-17	-17	N/A
Total, Western Area Power Administration	98,732	99,872	100,855	+983	+1.0%
Falcon and Amistad Operating and Maintenance Fund					
Falcon And Amistad Operation And Maintenance	7,928	8,297	8,210	-87	-1.0%
Offsetting Collections - Falcon and Amistad Fund	-6,102	-3,197	-6,297	-3,100	-97.0%
Less alternative financing - Falcon and Amistad Fund	-1,598	-1,872	-1,685	+187	+10.0%
Use of Prior Year Balance - Falcon & Amistad Operating & Maintenance	0	-3,000	0	+3,000	+100.0%
Total, Falcon and Amistad Operating and Maintenance Fund	228	228	228	0	0.0%
Colorado River Basins Power Marketing Fund					
Program Direction - Colorado River Basins Fund	79,539	80,381	83,693	+3,312	+4.1%
Equipment, Contracts and Related Expenses - Colorado River Basins Fund	178,927	454,857	500,538	+45,681	+10.0%
Colorado River Basins Fund - 9000866	0	2,000	0	-2,000	-100.0%
Colorado River Basins Fund	258,466	537,238	584,231	+46,993	+8.7%
Offsetting collections - CRBPMF	-258,466	-535,238	-584,231	-48,993	-9.2%
Total, Colorado River Basins Power Marketing Fund	0	2,000	0	-2,000	-100.0%
Total, Power Marketing Administrations	109,568	113,540	112,523	-1,017	-0.9%
Federal Energy Regulatory Commission					
FERC Revenues	-508,400	-520,000	-532,000	-12,000	-2.3%
Just and Reasonable Rates, Terms, and Conditions	226,921	232,093	235,663	+3,570	+1.5%
Safe, Reliable, Secure, & Efficient Infrastructure	172,762	174,913	180,591	+5,678	+3.2%
Mission Support through Organizational Excellence	108,717	112,994	115,746	+2,752	+2.4%
Total, Federal Energy Regulatory Commission	0	0	0	0	N/A
Sale of the Gas Reserves	0	-95,000	-95,000	0	0.0%
Excess Fees and Recoveries, FERC	-9,000	-9,000	-9,000	0	0.0%
Title XVII Loan Guar. Prog Section 1703 Negative Credit Subsidy Receipt	-14,000	0	-2,051	-2,051	N/A
UED&D Fund Offset	-586,035	-285,000	-384,957	-99,957	-35.1%
Total DOE	47,817,100	49,952,754	51,415,029	+1,462,275	+2.9%
Discretionary Summary by Appropriation					
Defense (050): NNSA					
Weapons Activities	17,116,119	19,108,000	19,848,644	+740,644	+3.9%
Defense Nuclear Nonproliferation	2,490,000	2,581,000	2,465,108	-115,892	-4.5%
Naval Reactors	2,081,445	1,946,000	2,118,773	+172,773	+8.9%
Federal Salaries and Expenses	475,000	500,000	564,475	+64,475	+12.9%
Defense (050): Non-NNSA					
Other Defense Activities	1,035,000	1,080,000	1,140,023	+60,023	+5.6%
Defense Environmental Cleanup	7,025,000	7,285,000	7,059,695	-225,305	-3.1%
Nuclear Energy (050)	150,000	160,000	150,000	-10,000	-6.3%
Defense Uranium Enrichment D&D	586,035	285,000	384,957	+99,957	+35.1%
Total Defense (050)	30,958,599	32,945,000	33,731,675	+786,675	+2.4%
Non-Defense (Non-050): Science (250)					
Science	8,100,000	8,240,000	8,583,000	+343,000	+4.2%

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				\$	%
Non-Defense (Non-050): Energy (270)					
Energy Efficiency and Renewable Energy	3,460,000	3,460,000	3,118,000	-342,000	-9.9%
Electricity	350,000	280,000	293,000	+13,000	+4.6%
Cybersecurity, Energy Security and Emergency Response (270)	200,000	200,000	200,000	0	0.0%
Strategic Petroleum Reserve	207,175	213,390	241,169	+27,779	+13.0%
Naval Petroleum and Oil Shale Reserves	13,004	13,010	13,010	0	0.0%
SPR Petroleum Account	100	100	100	0	0.0%
Northeast Home Heating Oil Reserve	7,000	7,150	7,150	0	0.0%
Nuclear Energy (270)	1,623,000	1,525,000	1,440,660	-84,340	-5.5%
Fossil Energy and Carbon Management	890,000	865,000	900,000	+35,000	+4.0%
Uranium Enrichment Decontamination and Decommissioning (UED&D)	879,052	855,000	854,182	-818	-0.1%
Energy Information Administration	135,000	135,000	141,653	+6,653	+4.9%
Non-Defense Environmental Cleanup	358,583	342,000	314,636	-27,364	-8.0%
Advanced Research Projects Agency - Energy	470,000	460,000	450,000	-10,000	-2.2%
Departmental Administration	283,000	286,500	334,671	+48,171	+16.8%
Indian Energy Policy and Programs	75,000	70,000	95,000	+25,000	+35.7%
Inspector General	86,000	86,000	149,000	+63,000	+73.3%
Title 17 Innovative Technology Loan Guarantee Program	-136,018	0	-184,558	-184,558	N/A
Advanced Technology Vehicles Manufacturing Loan Program	9,800	13,000	27,508	+14,508	+111.6%
Tribal Energy Loan Guarantee Program	4,000	6,300	6,300	0	0.0%
Southwestern Power Administration	10,608	11,440	11,440	0	0.0%
Western Area Power Administration	98,732	99,872	100,855	+983	+1.0%
Falcon and Amistad Operating and Maintenance Fund	228	228	228	0	0.0%
Colorado River Basins Power Marketing Fund	0	2,000	0	-2,000	-100.0%
Office of Technology Transitions	22,098	20,000	27,098	+7,098	+35.5%
Office of Clean Energy Demonstrations	89,000	50,000	180,000	+130,000	+260.0%
Nuclear Waste Disposal Fund	10,205	12,040	12,040	0	0.0%
Federal Energy Management Program	0	0	64,000	+64,000	N/A
Grid Deployment Office	0	60,000	101,870	+41,870	+69.8%
Office of Manufacturing & Energy Supply Chains	0	0	113,350	+113,350	N/A
Office of State and Community Programs	0	0	574,000	+574,000	N/A
Energy Projects	221,969	83,724	0	-83,724	-100.0%
Critical and Emerging Technologies	0	0	5,000	+5,000	N/A
Departmental Offsets	-609,035	-389,000	-491,008	-102,008	-26.2%
Non-Defense (Non-050)	16,858,501	17,007,754	17,683,354	+675,600	+4.0%
Total DOE	47,817,100	49,952,754	51,415,029	+1,462,275	+2.9%

⁽¹⁾ Funding does not reflect the mandated transfer of \$99.75 million in FY 2023 from Naval Reactors to the Office of Nuclear Energy and the inclusion of the mandated transfer in the calculation of the rate of operations for FY 2024 for operation of the Advanced Test Reactor.

⁽²⁾ Funding does not reflect the transfer of \$20 million from the Office of Nuclear Energy to the Office of Science for Nuclear Facilities Oak Ridge National Laboratory Operations and Maintenance.

⁽³⁾ FY 2023 Enacted levels for base funding includes \$300 million for the Office of Nuclear Energy that was enacted in Division M, Additional Ukraine Supplemental Appropriations, of the Consolidated Appropriations Act, 2023 (P.L. 117-328).

⁽⁴⁾ FY 2025 levels include the reallocation of \$173 million in funding from Defense Environmental Cleanup to Weapons Activities to support the transition of oversight of the Savannah River Site to NNSA.

Florida electric bills skyrocketed recently. Here's why.

Residents are struggling to meet higher costs amid hotter temperatures.



Krystal Pate looks at printouts of her electric bills in her apartment on April 19 in Tampa. [LUIS SANTANA | Times]

By

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- **Teghan Simonton***Times staff*

Published 6 hours ago

TAMPA — In an apartment dimmed by drawn blinds to keep temperatures down, Krystal Pate weighs how to pay her bills. Rent always comes first. Then, she tries to put a dent in her growing balance with Tampa Electric.

Housing and grocery prices were already rising when recent hikes in Pate's electricity bills added pressure. Last year, Pate often spent well over \$300 a month to power her three-bedroom apartment in South Tampa, where she lives with her five kids.

A faulty air conditioning unit added more stress. One month her bill climbed to \$455.

In recent years, Floridians experienced a dramatic spike in energy costs, according to a Tampa Bay Times analysis of data from the U.S. Energy Information Administration.

Two years ago, energy prices in the state jumped about 17% and kept rising, contributing to a surge in cost-of-living expenses in the region made worse by higher inflation. Those who feel the effects most deeply were already struggling.

After a hip and leg injury years ago, Pate has had trouble working, she said. Her family depends mostly on her oldest son's wages bussing tables at the Westshore Yacht Club to pay the bills.

"Even talking about it breaks my heart because it's hard to live," she said. "Putting this on my son, it's not fair."

What's driven the cost hikes

Last year, Florida's energy bills were the fourth-highest in the nation, the Times found, up from 13th a decade before. Customers paid an average of about \$168 a month.

Numerous factors contribute to the costs energy companies pass on to consumers, but in recent years the volatility of natural gas prices have been critical.

Two decades ago, natural gas surpassed coal as the No. 1 fuel burned to create electricity in Florida, [and its use has taken off since](#). Now 74% of the state's electricity is generated from natural gas — nearly twice the [national average](#). As a result, Florida produces less electricity from coal and renewable sources than many other states.

Tampa Bay's leading energy providers maintain the fuel is a reliable and efficient energy source that plays an important role in Florida. Both Tampa Electric and Duke Energy noted the companies are steadily enhancing production of solar energy and investing in ways to use less fuel.

Still, reliance on natural gas has made the state vulnerable to its cost fluctuations, according to [reports](#) prepared for the Times by the Florida State University Center for Economic Forecasting and Analysis.

From 2020 to 2022, the price of U.S. natural gas more than doubled, an increase that Julie Harrington, the director of the economic forecasting center, called "incredible."

"It is alarming to just see these prices keep rising markedly the last couple of years," she said. "It's like an apocalypse."

Complex factors, including the Russian invasion of Ukraine, contributed, Harrington said, as the U.S. banned the import of natural gas from Russia, a major global supplier. [Abnormally high temperatures](#) in the summer of 2022 and ramped-up worldwide economic activity following the pandemic also increased demand, researchers noted.

While the price of natural gas has begun to stabilize, some of the decreases since 2022 have still been for aberrant reasons. A fire at a key natural gas export facility in Texas forced the facility to shut down, which meant less domestic natural gas shipped overseas and more supply in the U.S. market, Harrington said.

“There was a convergence” of factors, she added, which means prices may continue to drop slowly, “until another catalyst gets it moving again.”



The power plant at the TECO Big Bend Power Station, which can use either natural gas or coal, on April 11 in Apollo Beach. [JEFFEREE WOO | Times]

But even though the price dropped, there has been a lag in translating that relief to consumers. Duke Energy and Tampa Electric have twice filed paperwork with state regulators to lower the amount customers pay for fuel, the full extent of which could be felt starting this summer, the companies said. Florida utilities do not profit from fuel, passing the cost directly to consumers' bills.

“Primarily in the last two years, (the increase) really has been around the cost of natural gas, which was nearly three times more than it historically had been,” said Melissa Seixas, president of Duke Energy Florida, at a March news conference. The company was announcing a utility assistance program administered by St. Petersburg. “Our customers felt that directly. There are absolutely ways that we were trying to offset those, including continued investments in solar, which then helps to decrease the

utilization of certain fuel sources. ... We'll continue to have 100% commitment to reducing those costs.”

Some say utilities share the blame

Over a five-year period, the average Tampa Electric bill went up 51%, a Times analysis of federal data through 2023 shows. The average Duke Energy bill rose 28%.

Cherie Jacobs, a Tampa Electric spokesperson, noted the company temporarily reduced prices during the pandemic four years ago. But in subsequent years, data shows prices rose to unprecedented levels, and quickly. After reducing prices about 4% in 2020, the average TECO bill went up about 11% the next year — more than double the rate of annual change in any recent years.

Meanwhile, both companies have filed requests with state regulators to raise their customers' base rates — a major component of energy bills — by millions of dollars starting next year. The hikes must be approved by the Florida Public Service Commission, [which is scheduled to hold hearings in Tampa Bay in June for local utility customers to weigh in.](#)

The requests show how the utility companies bear some responsibility for the spike in bills, critics say.

Clean-energy advocates point out that Florida's grid would not be so vulnerable to fuel price swings if more of the state's energy came from renewable sources. There's no guarantee there won't be more turbulence in fossil fuel costs in the future, given multiple ongoing wars overseas.

In its request for a base rate increase, [Duke Energy has noted](#) that other costs for things like storm resilience will be expiring from customers' bills, predicting customers will pay less next January. Tampa Electric has said that dropping fuel costs could partially offset its request for increases.

Bradley Marshall, a lawyer with the environmental group Earthjustice, said these assertions are “true to a certain extent if you assume we're not going to get hit by any more storms or fuel costs are going to hit this new low and stay this low forever,” he said. “Neither of those feel like safe assumptions.”

Marshall is representing multiple groups opposing the two companies' cases before state regulators.

One reason both Duke and Tampa Electric have cited in their requests for increases is a desire to pay out a higher rate of return to their shareholders, called a return on equity. Both companies' requested rates above 11% — exceeding the national average. Electric utilities nationwide were approved to make a 9.6% return on equity in rate cases last year, according to the research firm S&P Global.

Both companies say their requested rates are necessary. Ana Gibbs, a Duke Energy spokesperson, said it “represents a just and reasonable cost.” Interest rates have also gone up, “which makes it more expensive to run our business,” Gibbs said.

Jacobs at Tampa Electric pointed to inflation, higher labor costs and interest rates. When a utility is financially healthy, it can borrow money at better rates, which benefits customers, she said.



Krystal Pate looks at a copy of one of her recent electric bills on April 19 in Tampa. [LUIS SANTANA | Times]

Jacobs added that last summer brought record temperatures. This meant air conditioners had to use more energy to keep homes cool — even if thermostats weren’t lowered. Floridians already use more electricity than residents in other states because of air conditioning, she said.

“Those issues combined in 2023 as a ‘perfect storm’ and drove up power bills for our customers,” Jacobs said.

Residents feeling the pinch

The communities most hard-pressed to pay their bills are often juggling several other risk factors, said Clara Reynolds, president and chief executive officer of the Crisis Center of Tampa Bay.

“When folks are calling us, it is really the problem of the day that is pushing them over the edge,” Reynolds said. “And it’s in that conversation that we’re really able to figure out what else is going on.”

In Hillsborough County, pleas to the crisis center for assistance with electricity and other utility bills nearly doubled in a single year. Over a one-year stretch ending in September 2023, the organization received more than 28,000 calls.

Reynolds said it’s clear from those conversations: energy bills are just one layer to the region’s challenges.



Krystal Pate’s daughter Tierra Harris serves herself some rice in their apartment in Tampa on April 19. [LUIS SANTANA | Times]

“They have issues in the child welfare system; they have issues in the juvenile justice system,” Reynolds said. “They have issues in the criminal justice system. There is unemployment, there’s (barriers to) transportation. The ZIP codes that typically reach out for support — the light bill is just one issue in a myriad of issues going on in their lives.”

St. Petersburg also received more than 3,600 applications for [a new utilities assistance program with Duke Energy](#), less than a month after the initiative was announced in March. Three ZIP codes accounted for nearly three-fourths of the applications, all of

which are in the southern part of the city, have a higher proportion of Black residents and more residents living below the poverty line than the Tampa Bay average.



Duke Energy works on power lines after storms on Jan. 9 in St. Petersburg. The company cited hurricane preparation and recovery as several factors that added to customers' costs in recent years. [DIRK SHADD | Times]

In addition to having less money to pay bills, lower-income families tend to live in older properties that are less energy-efficient than new homes, [research shows](#), which leads to higher costs.

When bills get tight in Jasna Ilisinovic's St. Petersburg home, there's never a question about which one rises to the top of the stack. Her husband has chronic obstructive pulmonary disease and relies on an oxygen machine to breathe — and the machine needs electricity. She marks the bill's due date on her calendar each month.

So when the couple owed more than \$300 last summer, as their older air conditioning unit strained to cool their 1970s home [during a record-hot July](#), they needed help. The Pinellas County Urban League agreed to pay that bill and the next month's, taking roughly \$800 worth of stress off Ilisinovic, she said, who along with her husband receives disability benefits.

“Our electric bill is No. 1 because he can’t live without it,” Ilisinovic, 50, said, adding that they have tried to make their house more efficient with things like window curtains and new insulation. “Thank God for (the Urban League) to be here for us.”



Krystal Pate, in her Tampa apartment, talks about rising utility costs on April 19. “There’s people that don’t have a roof, lights or working water, and they still manage,” she said. [LUIS SANTANA | Times]

Pate, 43, is still searching for a solution. Her kitchen cabinets are checkered with multicolor sticky notes, each one thanking God or one of her five kids for inspiring her.

When her unpaid bills feel insurmountable, she reads the neon squares to feel centered. She aims to keep a grateful outlook, remembering that “there’s people that don’t have a roof, lights or working water, and they still manage.”

As of March, she owed Tampa Electric more than \$700.

UP NEXT: [5 tips from Tampa Bay funeral directors on how to plan for death](#)

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