FY 2020 Congressional Budget

State Table

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w Mexico	FY 2018	FY 2019	FY 2020
	Total Enacted	Enacted	Reques
Electricity			
Electricity Transmission Reliability and Resilience	#2 122	¢4 200	¢c 00
Transmission Reliability and Resilience Resilient Distribution Systems	\$2,122 \$1,779	\$1,200 \$100	\$6,00 \$70
Energy Storage	\$400	\$100	\$70
Infrastructure Security & Energy Restoration	\$600	\$0 \$0	\$
Total Electricity	\$4,901	\$1,300	\$6,70
Total Electricity	\$4,901	\$1,300	\$6,70
Cybersecurity, Energy Security, and Emergency Resp			
Cybersecurity, Energy Security, and Emergency Resp			
Infrastructure Security and Energy Restoration (ISER)	\$0	\$1,625	\$13,65
CEDS	\$0	\$2,600	\$1,80
Total Cybersecurity, Energy Security, and Emergency Resp	\$0	\$4,225	\$15,450
Total Cybersecurity, Energy Security, and Emergency Resp	\$0	\$4,225	\$15,450
Nuclear Energy			
Fuel Cycle R & D			
Fuel Cycle R & D	\$36,018	\$31,340	\$4,18
Total Fuel Cycle R & D	\$36,018	\$31,340	\$4,18
Nuclear Energy Enabling Technologies			
Nuclear Energy Enabling Technologies	\$6,656	\$6,146	\$4,675
Total Nuclear Energy Enabling Technologies	\$6,656	\$6,146	\$4,67
Reactors Concepts RD&D			
Reactors Concepts RD&D	\$7,039	\$8,105	\$5,200
Total Reactors Concepts RD&D	\$7,039	\$8,105	\$5,20
International Nuclear Energy Cooperation			
International Nuclear Energy Cooperation	\$75	\$15	\$(
Total International Nuclear Energy Cooperation	\$75	\$15	\$(
Supercritical Transformational Electric Power Generation			
Supercritical Transformational Electric Power Generation	\$3,556	\$4,755	\$(
Total Supercritical Transformational Electric Power Generation	\$3,556	\$4,755	\$(
Total Nuclear Energy	\$53,344	\$50,361	\$14,05
Energy Efficiency and Renewable Energy			
Energy Efficiency and Renewable Energy			
Wind Energy	\$7,308	\$7,466	\$3,95
Geothermal Technologies	\$5,368	\$3,205	\$93
Hydrogen & Fuel Cell Technologies	\$14,432	\$13,283	\$4,00
Water Power	\$8,043	\$6,706	\$2,07
Solar Energy	\$18,907	\$10,918	\$6,79
Vehicle Technologies	\$15,561	\$13,000	\$4,000

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v Mexico	FY 2018	FY 2019	FY 202
	Total Enacted	Enacted	Reques
Building Technologies	\$563	\$563	\$12
Weatherization	\$2,126	\$2,156	\$
State Energy Program Grants	\$465	\$436	\$
Advanced Manufacturing	\$3,250	\$0	\$
Strategic Programs	\$699	\$750	\$
Bioenergy Technologies	\$12,868	\$11,639	\$5,15
Total Energy Efficiency and Renewable Energy	\$89,590	\$70,122	\$27,03
Total Energy Efficiency and Renewable Energy	\$89,590	\$70,122	\$27,03
Nuclear Waste Disposal			
Yucca Mountain and Interim Storage			
Yucca Mountain and Interim Storage	\$0	\$0	\$36,27
Total Yucca Mountain and Interim Storage	\$0	\$0	\$36,27
Total Nuclear Waste Disposal	\$0	\$0	\$36,27
Science			
Advanced Scientific Computing Research			
Advanced Scientific Computing Research	\$12,582	\$20,957	\$13,92
Total Advanced Scientific Computing Research	\$12,582	\$20,957	\$13,92
Basic Energy Sciences			
Basic Energy Sciences	\$43,384	\$51,556	\$50,10
Total Basic Energy Sciences	\$43,384	\$51,556	\$50,10
Biological and Environmental Research			
Biological and Environmental Research	\$41,061	\$35,801	\$26,72
Total Biological and Environmental Research	\$41,061	\$35,801	\$26,72
Fusion Energy Sciences			
Fusion Energy Sciences	\$6,746	\$4,352	\$5,02
Total Fusion Energy Sciences	\$6,746	\$4,352	\$5,02
High Energy Physics			
High Energy Physics	\$1,930	\$2,740	\$1,26
Total High Energy Physics	\$1,930	\$2,740	\$1,26
Nuclear Physics			
Nuclear Physics	\$9,111	\$9,360	\$8,79
Total Nuclear Physics	\$9,111	\$9,360	\$8,79
Workforce Development for Teachers and Scientists Workforce Development for Teachers and Scientists	\$640	\$0	\$
Total Workforce Development for Teachers and Scientists	\$640	\$0	\$
Science Laboratories Infrastructure			
Science Laboratories Infrastructure	\$350	\$0	\$
Total Science Laboratories Infrastructure	\$350	\$0	\$

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v Mexico	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Request
Total Science	\$115,804	\$124,766	\$105,827
Office of Technology Transitions			
Office of Technology Transitions			
Office of Technology Transitions	\$110	\$110	\$110
Total Office of Technology Transitions	\$110	\$110	\$110
Total Office of Technology Transitions	\$110	\$110	\$110
Weapons Activities			
Directed Stockpile Work			
Directed Stockpile Work	\$2,068,014	\$2,293,607	\$2,317,629
Total Directed Stockpile Work	\$2,068,014	\$2,293,607	\$2,317,629
Science			
Science Campaign	\$256,585	\$272,729	\$314,259
Total Science	\$256,585	\$272,729	\$314,259
Engineering Engineering Campaign	\$142,640	\$141,579	\$157,539
Total Engineering	\$142,640	\$141,579	\$157,539
Inertial Confinement Fusion Ignition High Yield Inertial Confinement Fusion Ignition High Yield Campaign	\$94,151	\$107,063	\$96,904
Total Inertial Confinement Fusion Ignition High Yield	\$94,151	\$107,063	\$96,904
Advanced Simulation & Computing	, - , -	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	, ,
Advanced Simulation & Computing Campaign	\$389,820	\$382,816	\$351,541
Total Advanced Simulation & Computing	\$389,820	\$382,816	\$351,541
Defense Nuclear Security			
Defense Nuclear Security	\$174,720	\$185,932	\$187,285
Total Defense Nuclear Security	\$174,720	\$185,932	\$187,285
Information technology and Cybersecurity Information technology and Cybersecurity	\$36,915	\$34,423	\$44,700
Total Information technology and Cybersecurity	\$36,915	\$34,423	\$44,700
Infrastructure and Operations	, ,	, ,	, ,
Infrastructure and Operations	\$910,402	\$923,969	\$799,301
Total Infrastructure and Operations	\$910,402	\$923,969	\$799,301
Secure Transportation Asset			
Secure Transportation Asset	\$156,286	\$149,018	\$182,365
Total Secure Transportation Asset	\$156,286	\$149,018	\$182,365
Advanced Manufacturing Development			
Advanced Manufacturing Development	\$16,006	\$17,442	\$34,523
Total Advanced Manufacturing Development	\$16,006	\$17,442	\$34,523

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w Mexico	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Reques
Total Weapons Activities	\$4,245,539	\$4,508,578	\$4,486,04
Other Defense Activities	¥ 1,— 10,000	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	+ ·, · · · · ·
Environment, Health, Safety and Security Environment, Health, Safety and Security	\$2,305	\$2,305	\$2,30
Enterprise Assessments Enterprise Assessments	\$150	\$150	\$150
Total Enterprise Assessments	\$2,455	\$2,455	\$2,45
Total Other Defense Activities	\$2,455	\$2,455	\$2,45
Defense Nuclear Nonproliferation Defense Nuclear Nonproliferation R&D Defense Nuclear Nonproliferation R&D	\$288,843	\$257,076	\$283,01
Total Defense Nuclear Nonproliferation R&D	\$288,843	\$257,076	\$283,01
Nuclear Counterterrorism and Incident Response	Ψ200,040	Ψ201,010	Ψ200,01
Nuclear Counterterrorism Incident Response	\$89,337	\$86,571	\$97,160
Total Nuclear Counterterrorism and Incident Response	\$89,337	\$86,571	\$97,16
Global Material Security Global Material Security	\$194,027	\$202,401	\$170,68
Total Global Material Security	\$194,027	\$202,401	\$170,68
Material Management and Minimization Material Management and Minimization	\$68,990	\$80,596	\$69,57
Total Material Management and Minimization	\$68,990	\$80,596	\$69,57
Nonproliferation and Arms Control Nonproliferation and Arms Control	\$32,471	\$32,318	\$33,07
Total Nonproliferation and Arms Control	\$32,471	\$32,318	\$33,07
Nonproliferation Construction Nonproliferation Construction	\$7,770	\$8,086	\$
Total Nonproliferation Construction	\$7,770	\$8,086	\$
Total Defense Nuclear Nonproliferation	\$681,438	\$667,048	\$653,50
Federal Salaries and Expenses			
Federal Salaries and Expenses			
Federal Salaries and Expenses	\$38,090	\$40,637	\$40,98
Total Federal Salaries and Expenses	\$38,090	\$40,637	\$40,98
Total Federal Salaries and Expenses	\$38,090	\$40,637	\$40,98
Departmental Administration Office of Indian Energy			
Office of Indian Energy	\$700	\$0	\$
Total Office of Indian Energy	\$700	\$0	\$0
Strategic Partnership Projects			

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	FY 2018 Total Enacted	FY 2019 Enacted	FY 2020 Reques
Strategic Partnership Projects	\$8,500	\$8,500	\$8,500
Total Strategic Partnership Projects	\$8,500	\$8,500	\$8,500
Total Departmental Administration	\$9,200	\$8,500	\$8,500
Western Area Power Admin. Const.,Rehab.,O&M			
Systems Operation and Maintenance			
Systems Operation and Maintenance	\$11	\$2	\$2
Total Systems Operation and Maintenance	\$11	\$2	\$2
Program Direction			
Program Direction	\$0	\$0	\$281
Total Program Direction	\$0	\$0	\$281
Total Western Area Power Admin. Const.,Rehab.,O&M	\$11	\$2	\$283
Colorado River Basins Power Marketing Fund			
Equipment, Contracts and Other Related Expenses			
Colorado River Storage Project	\$14,663	\$17,970	\$15,737
Total Equipment, Contracts and Other Related Expenses	\$14,663	\$17,970	\$15,737
Program Direction			
Program Direction	\$762	\$814	\$803
Total Program Direction	\$762	\$814	\$803
Total Colorado River Basins Power Marketing Fund	\$15,425	\$18,784	\$16,540
Fossil Energy Research and Development			
CCS and Power Systems			
Carbon Capture	\$1,195	\$1,345	\$0
Carbon Storage	\$6,284	\$2,300	\$0
Advanced Energy Systems	\$250	\$250	\$0
Cross Cutting Research	\$1,330	\$0	\$0
Total CCS and Power Systems	\$9,059	\$3,895	\$0
Advanced Coal Energy Systems and CCUS			
Carbon Capture Utilization and Storage	\$0	\$0	\$2,380
Crosscutting Research	\$0	\$0	\$667
Total Advanced Coal Energy Systems and CCUS	\$0	\$0	\$3,047
Natural Gas Technologies	\$2,950	\$2,950	\$0
Natural Gas Technologies			\$0
Natural Gas Technologies Total Natural Gas Technologies	\$2,950	\$2,950	ΨΟ
-	\$2,950	\$2,950	φυ
Total Natural Gas Technologies	\$2,950 \$1,926	\$2,950 \$2,074	·
Total Natural Gas Technologies Unconventional FE Technologies from Petroleum – Oil			\$1,250 \$1,250

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ew Mexico	FY 2018	FY 2019	FY 2020
EW IVIEXICO	Total Enacted	Enacted	Request
Defense Environmental Cleanup			
Waste Isolation Pilot Plant			
Operation and Maintenance	\$332,217	\$351,907	\$344,742
Central Characterization Project	\$22,500	\$19,500	\$20,400
Transportation	\$21,854	\$25,500	\$26,500
Total Waste Isolation Pilot Plant	\$376,571	\$396,907	\$391,642
Program Direction			
Carlsbad	\$12,176	\$12,031	\$11,579
Los Alamos	\$5,016	\$5,622	\$5,400
Total Program Direction	\$17,192	\$17,653	\$16,979
NNSA Sites			
Los Alamos National Laboratory	\$220,000	\$220,000	\$195,462
Sandia	\$2,600	\$2,600	\$2,652
Total NNSA Sites	\$222,600	\$222,600	\$198,114
Safeguards and Security			
Waste Isolation Pilot Plant	\$6,470	\$6,580	\$6,692
Total Safeguards and Security	\$6,470	\$6,580	\$6,692
Total Defense Environmental Cleanup	\$622,833	\$643,740	\$613,427
Strategic Petroleum Reserve			
SPR Geotechnical Analytical Support			
SPR - Facilities Development	\$3,570	\$3,652	\$3,294
Total SPR Geotechnical Analytical Support	\$3,570	\$3,652	\$3,294
Total Strategic Petroleum Reserve	\$3,570	\$3,652	\$3,294
otal New Mexico	\$5,896,245	\$6,153,199	\$6,034,779