

DIVISION D—ENERGY AND WATER DEVELOPMENT AND RELATED AGENCIES  
APPROPRIATIONS ACT, 2022

The following statement to the House of Representatives and the Senate is submitted in explanation of the agreed upon Act making appropriations for energy and water development for the fiscal year ending September 30, 2022, and for other purposes.

The explanatory statement accompanying this division is approved and indicates congressional intent. Unless otherwise noted, the language set forth in House Report 117-98 and Senate Report 117-36 carries the same weight as the language included in this explanatory statement and should be complied with unless specifically addressed to the contrary in this explanatory statement. While some language is repeated for emphasis, it is not intended to negate the language referred to above unless expressly provided herein. Additionally, where this explanatory statement states that the "agreement only includes" or "the following is the only" direction, any direction included in the House or Senate report on that matter shall be considered as replaced with the direction provided within this explanatory statement. In cases where the House, the Senate, or this explanatory statement has directed a briefing or the submission of a report, such briefing or report is to be submitted to the Committees on Appropriations of both Houses of Congress, hereinafter referred to as the Committees. House or Senate reporting requirements with deadlines prior to or within 15 days of enactment of this Act shall be submitted not later than 60 days after enactment of this Act. All other reporting deadlines not changed by this explanatory statement are to be met.

Funds for the individual programs and activities within the accounts in this Act are displayed in the detailed table at the end of the explanatory statement for this Act. Funding levels that are not displayed in the detailed table are identified in this explanatory statement.

In fiscal year 2022, for purposes of the Balanced Budget and Emergency Deficit Control Act of 1985 (Public Law 99-177), the following information provides the definition of the term "program, project, or activity" for departments and agencies under the jurisdiction of the Energy and Water Development and Related Agencies Appropriations Act. The term "program, project, or activity" shall include the most specific level of budget items identified in the Energy and Water Development and Related Agencies Appropriations Act, 2022 and the explanatory statement accompanying this Act.

*Federal Law Enforcement.* The agreement notes that the explanatory statement accompanying the Commerce, Justice, Science, and Related Agencies Appropriations Act, 2022 directs the Attorney General to ensure implementation of evidence-based training programs on de-escalation and the use-of-force, as well as on police community relations, and the protection of civil rights, that are broadly applicable and scalable to all Federal law enforcement agencies. The agreement further notes that several agencies funded by this Act employ Federal law enforcement officers and are Federal Law Enforcement Training Centers partner organizations. The agreement directs such agencies to consult with the Attorney General regarding the implementation of these programs for their law enforcement officers. The agreement further directs such agencies to submit a report to the Committees on their efforts relating to such implementation not later than 180 days after consultation with the Attorney General. In addition, the agreement directs such agencies, to the extent that they are not already participating, to consult with the Attorney General and the Director of the FBI regarding participation in the National Use-of-Force Data Collection. The agreement further directs such agencies to submit a report to the Committees not later than 180 days after enactment of this Act on their efforts to so participate.

TITLE I—CORPS OF ENGINEERS—CIVIL  
DEPARTMENT OF THE ARMY  
CORPS OF ENGINEERS—CIVIL

The summary tables included in this title set forth the dispositions with respect to the individual appropriations, projects, and activities of the Corps of Engineers (Corps). Additional items of this Act are discussed below.

*Advanced Funds Agreements.*—The agreement reiterates Senate direction.

*Apportionment Under a Continuing Resolution.*—The change in apportionment policy is rejected and the Administration is directed to follow the previous policy during any continuing resolutions that may occur in this or any future fiscal years.

*Budget Structure Changes.*—The fiscal year 2022 budget request for the Corps proposed numerous structural changes, including the creation of two new accounts, Harbor Maintenance Trust Fund (HMTF) and Inland Waterways Trust Fund (IWTF); the shifting of various studies and projects among accounts and business lines; and the consolidation of certain remaining items. The agreement rejects all such proposed changes and instead funds all activities in the accounts in which funding has traditionally been provided. Unless expressly noted, all projects and studies remain at the levels proposed in the budget request but may be funded in different accounts. In particular:

- Projects proposed for funding in the HMTF account in the budget request are funded in the Construction, Mississippi River and Tributaries, and Operation and Maintenance accounts, as appropriate;
- Projects requested in the IWTF account are shown in the Construction account;
- Dredge Material Management Plans, requested in the Investigations account, are funded in the Operation and Maintenance account;
- Sand mitigation projects, proposed in the HMTF account in the budget request, are funded in the Construction account;
- Disposition studies will continue to be funded under the Disposition of Completed Projects remaining item in the Investigations account;
- Tribal Partnership projects will continue to be funded under the Tribal Partnership Program remaining item in the Investigations account as well as in the remaining item in the Construction account, and these amounts may be used to cover necessary administrative expenses prior to agreement execution;
- Inspection of Completed Works, Project Condition Surveys, Scheduling of Reservoir Operations and Surveillance of Northern Boundary Waters will continue to be funded under states instead of consolidated into national programs as requested in the Operation and Maintenance account and the HMTF account; and

- Inspection of Completed Works will continue to be funded under the individual states instead of consolidated into a national program as requested in the Mississippi River and Tributaries account.

For any fiscal year, if the Corps proposes budget structure changes, the budget proposal shall be accompanied by a display of the funding request in the traditional budget structure.

*Continuing Contracts.*—The Corps is authorized by section 621 of title 33, United States Code, to execute its Civil Works projects through the use of a Special Continuing Contract Clause or Incremental Funding Clause as described in Engineering Circulars 11–2-221 and 11–2-222. The Administration is directed to resume using its existing continuing contract authorities in accordance with the general provisions in this Act as an efficient approach to managing large, multi-year projects.

*Deep Draft Navigation.*—The agreement provides an estimated \$2,049,292,000 for HMTF eligible activities in accordance with the changes in the CARES Act (Public Law 116–136) and the Water Resources Development Act (WRDA) of 2020 (Public Law 116–260). The agreement provides \$50,000,000 for the program authorized by section 2106 of the Water Resources and Reform Development Act (WRRDA) of 2014 (Public Law 113–121).

*Inland Navigation.*—The following is the only direction with regard to the availability of additional funds for IWTF cost-shared projects. The agreement provides funds from the IWTF for new and ongoing construction projects.

*Invasive Carp.*—The Corps is undertaking multiple efforts to stop invasive carp from reaching the Great Lakes. Last year, the Corps sent Congress an approved Chief's Report for a plan to build a comprehensive suite of measures to counter invasive carp at the Brandon Road Lock and Dam, critical to keeping invasive carp out of the Chicago Area Waterways System, which is the only continuous connection between the Great Lakes and Mississippi River basins. There is appreciation that the project received a positive recommendation in the Report of the Chief of Engineers and that funding is included in the fiscal year 2022 budget request to continue work on preconstruction engineering and design (PED).

As the Corps prioritizes projects, it shall consider critical projects to prevent the spread of invasive species. The Corps is directed to provide to the Committees quarterly updates on the progress and status of efforts to prevent the further spread of invasive carp, including the Brandon Road Recommended Plan and the second array at the Chicago Sanitary and Ship Canal; the location and density of carp populations; the use of emergency procedures previously authorized by Congress; the development, consideration, and implementation of new technological and structural countermeasures; and progress on PED work.

The Corps shall continue to collaborate at levels commensurate with previous years with the U.S. Coast Guard, the U.S. Fish and Wildlife Service, the State of Illinois, and members of the Invasive Carp Regional Coordinating Committee, including identifying navigation protocols that would be beneficial or effective in reducing the risk of vessels inadvertently carrying aquatic invasive species, including invasive carp, through the Brandon Road Lock and Dam in Joliet, Illinois. Any findings of such an evaluation shall be included in the quarterly briefings to the Committees. The Corps is further directed to implement



navigation protocols shown to be effective at reducing the risk of entrainment without jeopardizing the safety of vessels and crews. The Corps and other federal and state agencies are conducting ongoing research on additional potential invasive carp solutions. The Corps is directed to provide to the Committees not later than 30 days after enactment of this Act a briefing on such navigation protocols and potential solutions.

*Reporting Requirement.*—The Corps is directed to provide to the Committees a quarterly report that shall include the total budget authority and unobligated balances by year for each program, project, or activity, including any prior year appropriations. The Assistant Secretary of the Army for Civil Works is directed to provide to the Committees a quarterly report that includes the total budget authority and unobligated balances by year for each activity funded in the Office of the Assistant Secretary of the Army for Civil Works account, including any prior year appropriations.

#### ADDITIONAL FUNDING

The agreement includes funding above the budget request to ensure continued improvements to our national economy, public safety, and environmental health that result from water resources projects. This funding is for additional work that either was not included in the budget request or was inadequately budgeted. The bill contains a provision requiring the Corps to allocate funds in accordance with only the direction in this agreement. In lieu of all House and Senate direction—under any heading—regarding additional funding, new starts, and the fiscal year 2022 work plan, the Corps shall follow the direction included in this explanatory statement.

The executive branch retains complete discretion over project-specific allocation decisions within the additional funds provided, subject to only the direction here and under the heading “Additional Funding” or “Additional Funding for Ongoing Work” within each of the Investigations, Construction, Mississippi River and Tributaries, and Operation and Maintenance accounts. A study or project may not be excluded from evaluation for being “inconsistent with Administration policy.” Voluntary funding in excess of legally-required cost shares for studies and projects is acceptable, but shall not be used as a criterion for allocating the additional funding provided or for the selection of new starts.

The Administration is reminded that these funds are in addition to the budget request, and Administration budget metrics shall not be a reason to disqualify a study or project from being funded. It is expected that all of the additional funding provided will be allocated to specific programs, projects, or activities. The focus of the allocation process shall favor the obligation, rather than expenditure, of funds. Additionally, the Administration shall consider the extent to which the Corps is able to obligate funds as it allocates the additional funding.

The Corps shall evaluate all studies and projects only within accounts and categories consistent with previous congressional funding. When allocating the additional funding provided in this Act, the Corps shall consider eligibility and implementation decisions under Public Law 115–123, Public Law 116–

20, Public Law 117-43, and Public Law 117-58 so as to maximize the reduction of risk to public safety and infrastructure and the reduction of future damages from floods and storms nationwide.

A project or study shall be eligible for additional funding within the Investigations, Construction, and Mississippi River and Tributaries accounts if: (1) it has received funding, other than through a reprogramming, in at least one of the previous three fiscal years; or (2) it was previously funded and could reach a significant milestone, complete a discrete element of work, or produce significant outputs in fiscal year 2022. None of the additional funding in any account may be used for any item where funding was specifically denied or for projects in the Continuing Authorities Program (CAP). Funds shall be allocated consistent with statutory cost share requirements.

The Corps is reminded that the flood and storm damage reduction mission area can include instances where non-federal sponsors are seeking assistance with flood control and unauthorized discharges from permitted wastewater treatment facilities and that the navigation mission area includes work in remote and subsistence harbor areas. In addition to the priority factors used to allocate all additional funding provided in the Construction account, the Corps also shall consider the non-federal sponsor's ability and willingness to promptly provide the required cash contribution, if any, as well as required lands, easements, rights-of-way, relocations, and disposal areas.

*Work Plan.*—The Corps is directed to provide to the Committees not later than 60 days after enactment of this Act a work plan including the following information: (1) a detailed description of the process and criteria used to evaluate studies and projects; (2) delineation of how these funds are to be allocated; (3) a summary of the work to be accomplished with each allocation, including phase of work and the study or project's remaining cost to complete (excluding Operation and Maintenance); and (4) a list of all studies and projects that were considered eligible for funding but did not receive funding, including an explanation of whether the study or project could have used funds in fiscal year 2022 and the specific reasons each study or project was considered as being less competitive for an allocation of funds.

*New Starts.*—The agreement includes funding for a limited number of new projects, including those proposed in the budget request. No further new starts are provided for in this Act.

There continues to be confusion regarding the executive branch's policies and guidelines regarding which studies and projects require new start designations. Therefore, the Corps is directed to notify the Committees at least seven days prior to execution of an agreement for construction of any project except environmental infrastructure projects and projects under the CAP. Additionally, the agreement reiterates and clarifies previous congressional direction as follows. Neither study nor construction activities related to individual projects authorized under section 1037 of the WRRDA of 2014 shall require a new start or new investment decision; these activities shall be considered ongoing work. No new start or new investment decision shall be required when moving from feasibility to PED. The initiation of construction of an individually authorized project funded within a programmatic line item may not require a new start designation provided that some amount of construction funding under such programmatic line item was appropriated and expended during the previous fiscal year. No new start or new investment decision shall

be required to initiate work on a separable element of a project when construction of one or more separable elements of that project was initiated previously; it shall be considered ongoing work. A new construction start shall not be required for work undertaken to correct a design deficiency on an existing federal project; it shall be considered ongoing work. The Corps is reminded that resumptions are just that—resumption of previously-initiated studies or projects and, as such, do not require new start designations.

#### INVESTIGATIONS

The agreement includes \$143,000,000 for Investigations.

The allocation for projects and activities within the Investigations account is shown in the following table:

[INSERT TABLE]

Insert 8a-e

CORPS OF ENGINEERS - INVESTIGATIONS  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
ALABAMA		
CLAIRBORNE AND MILLERS FERRY LOCKS AND DAMS (FISH PASSAGE), LOWER ALABAMA RIVER, AL	600	600
TENNESSEE TOMBIGBEE WATERWAY AND BLACK WARRIOR AND TOMBIGBEE RIVERS DEEPENING STUDY, AL & MS	---	400
ALASKA		
AKUTAN HARBOR NAVIGATIONAL IMPROVEMENTS, AK	100	---
ELIM SUBSISTENCE HARBOR, AK	2,000	2,000
LOWELL CREEK (TUNNEL) FLOOD DIVERSION, AK	---	3,000
ARIZONA		
LITTLE COLORADO RIVER, WINSLOW, AZ	---	500
CALIFORNIA		
IMPERIAL STREAMS SALTON SEA, CA	---	200
LOS ANGELES COUNTY DRAINAGE AREA (CHANNELS), CA	565	---
LOS ANGELES RIVER ECOSYSTEM RESTORATION, CA	1,693	1,693
LOWER MISSION CREEK, CA (GENERAL REEVALUATION REPORT)	600	---
LOWER SAN JOAQUIN (LATHROP & MANTECA), CA	---	200
MURRIETA CREEK, CA (GENERAL REEVALUATION REPORT)	600	600
NORTHERN CALIFORNIA STREAMS, LOWER CACHE CREEK, YOLO COUNTY, WOODLAND & VICINITY, CA	---	2,000
SAN FRANCISCO WATERFRONT STORM DAMAGE REDUCTION STUDY, CA	---	200
SANTA PAULA CREEK, CA	---	200
COLORADO		
ADAMS & DENVER COUNTIES, SOUTH PLATTE RIVER, CO	---	400
CONNECTICUT		
HARTFORD & EAST HARTFORD, CT	---	200
FLORIDA		
CENTRAL & SOUTHERN FLORIDA (C&SF) FLOOD RESILIENCY (SECTION 216) STUDY, FL	500	500
FORT PIERCE, ST. LUCIE COUNTY, FL	---	400
ST. AUGUSTINE BACK BAY, FL	---	200
HAWAII		
HONOLULU HARBOR MODIFICATION FEASIBILITY STUDY, HI	---	800

CORPS OF ENGINEERS - INVESTIGATIONS  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
IDAHO		
BOISE RIVER, GARDEN CITY, ADA COUNTY, ID	500	500
ILLINOIS		
BRANDON ROAD LOCK AND DAM, AQUATIC NUISANCE CONTROL SPECIES BARRIER, IL (GREAT LAKES AND MISSISSIPPI RIVER INTERBASIN STUDY)	4,940	4,940
CHICAGO SHORELINE, IL (GENERAL REEVALUATION REPORT)	500	500
GREAT LAKES COASTAL RESILIENCY STUDY, IL, IN, MI, MN, NY, OH, PA and WI	500	500
IL RIVER 519 FOX RIVER DAMS RESTORATION, IL	---	250
MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVR PORTION), IL	700	---
UPPER DES PLAINES RIVER FLOODING & RESTORATION, IL	---	1,525
KANSAS		
LOWER MISSOURI RIVER BASIN, KS, MO and IA	600	600
UPPER TURKEY CREEK BASIN DESIGN, MERRIAM, KS	---	500
KENTUCKY		
KENTUCKY RIVER, BEATYVILLE, KY	---	450
LOUISIANA		
HOUMA NAVIGATION CANAL, LA	---	350
PORT FOURCHON BELLE PASS CHANNEL, LA	---	300
PORT OF IBERIA, LA	---	1,200
MICHIGAN		
ALTAMAHA RIVER, OCONEE RIVER AND OCMULGEE RIVERS, BELLVILLE POINT HARBOR, DARIEN HARBOR, FANCY BLUFF CREEK, SAPELO HARBOR, SATILLA RIVER AND ST. MARYS RIVER WATERWAYS, MI	100	---
MENOMINEE RIVER DEEPENING, MI & WI	---	200
MINNESOTA		
LOWER ST. ANTHONY FALLS, MISSISSIPPI RIVER, MN	250	---
MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVP PORTION), MN	1,650	---
MISSOURI		
LITTLE BLUE RIVER BASIN, JACKSON COUNTY, MO	600	600
LOWER MISSOURI BASIN - BRUNSWICK L-246, MO	---	300
LOWER MISSOURI BASIN - HOLT COUNTY, MO, DONIPHAN COUNTY, KS	---	100
LOWER MISSOURI BASIN - JEFFERSON CITY L-142, MO	---	200



CORPS OF ENGINEERS - INVESTIGATIONS  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
NEW JERSEY		
NEW JERSEY BACK BAYS, NJ	750	750
NEW YORK		
HUDSON RARITAN ESTUARY ECOSYSTEM RESTORATION, NY & NJ	---	1,200
NEW YORK AND NEW JERSEY HARBOR ANCHORAGES, NY & NJ	---	1,125
NEW YORK - NEW JERSEY HARBOR AND TRIBUTARIES, NY & NJ	1,450	1,450
SPRING CREEK SOUTH, JAMAICA BAY (HOWARD BEACH), QUEENS, NY	500	500
NORTH CAROLINA		
WILMINGTON HARBOR NAVIGATION IMPROVEMENTS, NC	---	500
OHIO		
ASHTABULA HARBOR, OH	300	--- ^
CLEVELAND HARBOR, OH	300	--- ^
CONNEAUT HARBOR, OH	300	--- ^
FAIRPORT HARBOR, OH	300	--- ^
SANDUSKY HARBOR, OH	300	--- ^
OKLAHOMA		
OPTIMA LAKE, OK	200	--- ~
OREGON		
COLUMBIA RIVER TREATY 2024 IMPLEMENTATION, OR	10,000	--- ^
WILLAMETTE RIVER ENVIRONMENTAL DREDGING, OR	---	732
PUERTO RICO		
CAÑO MARTÍN PEÑA ECOSYSTEM RESTORATION, PR	2,150	2,150
RHODE ISLAND		
LITTLE NARRAGANSETT BAY, RI	500	500
SOUTH CAROLINA		
PORT ROYAL HARBOR, SC	342	--- ~
WACCAMAW RIVER, HORRY COUNTY, SC	500	500
SOUTH DAKOTA		
WATERTOWN FLOOD RISK MANAGEMENT FEASIBILITY STUDY, SD	---	200

CORPS OF ENGINEERS - INVESTIGATIONS  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
TENNESSEE		
HATCHIE/LOOSAHATCHIE, MISSISSIPPI RIVER MILE 775-736 HABITAT RESTORATION, TN & AR	600	600
TEXAS		
ARKANSAS-RED RIVER CHLORIDE CONTROL, AREA VIII, TX	343	---
CITY OF EL PASO, TX	600	600
ESTELLINE SPRINGS EXPERIMENTAL PROJECT, TX	200	---
GIWW - BRAZOS RIVER FLOODGATES & COLORADO RIVER LOCKS, TX	6,932	6,932
LOWER RIO GRANDE VALLEY WATERSHED ASSESSMENT, TX	---	200
WESTSIDE CREEKS ECOSYSTEM RESTORATION, SAN ANTONIO, TX	2,340	2,340
VIRGIN ISLANDS		
SAVAN GUT PHASE II, ST. THOMAS, VI	3,777	3,777
WASHINGTON		
COLUMBIA RIVER TURNING BASIN NAVIGATION IMPROVEMENTS, WA & OR	---	200
WISCONSIN		
KEWAUNEE HARBOR, WI	300	--- ^
MANITOWOC HARBOR, WI	300	--- ^
OTTER CREEK WATERSHED WETLAND RESTORATION, WI	75	--- ^
WYOMING		
LITTLE GOOSE CREEK, SHERIDAN, WY	500	500
SUBTOTAL, PROJECTS LISTED UNDER STATES	50,857	51,864
REMAINING ITEMS		
ADDITIONAL FUNDING	---	7,006
ACCESS TO WATER DATA	325	325
AUTOMATED INFORMATION SYSTEMS SUPPORT Tri-CADD	250	250
COASTAL FIELD DATA COLLECTION	1,500	3,000
COORDINATION WITH OTHER WATER RESOURCES AGENCIES	450	1,000
DISPOSITION OF COMPLETED PROJECTS	---	2,000
ENVIRONMENTAL DATA STUDIES	80	80
FERC LICENSING	100	100
FLOOD DAMAGE DATA	275	275
FLOOD PLAIN MANAGEMENT SERVICES	15,400	12,000
HYDROLOGIC STUDIES	500	500

CORPS OF ENGINEERS - INVESTIGATIONS  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
INTERAGENCY WATER RESOURCES DEVELOPMENT	75	75
INTERNATIONAL WATER STUDIES	100	100
INVENTORY OF DAMS	400	400
NATIONAL FLOOD RISK MANAGEMENT PROGRAM	6,500	6,500
NATIONAL SHORELINE MANAGEMENT STUDY	---	1,500
PLANNING ASSISTANCE TO STATES	7,000	9,000
PLANNING SUPPORT PROGRAM	3,500	3,500
PRECIPITATION STUDIES	150	150
REMOTE SENSING/GEOGRAPHIC INFORMATION SYSTEM SUPPORT	75	75
RESEARCH AND DEVELOPMENT	15,000	35,000
SCIENTIFIC AND TECHNICAL INFORMATION CENTERS	50	50
SPECIAL INVESTIGATIONS	750	750
STREAM GAGING	1,500	1,500
TRANSPORTATION SYSTEMS	1,000	1,000
TRIBAL PARTNERSHIP PROGRAM	---	5,000 *
SUBTOTAL, REMAINING ITEMS	54,980	91,136
TOTAL, INVESTIGATIONS	105,837	143,000

*^Funded in a remaining item in another account.*

*~Funded in remaining items.*

*\* Includes funds requested in Projects Listed Under States within this account.*

*Updated Capabilities.* The agreement adjusts some project-specific allocations downward based on updated technical information from the Corps.

*Additional Funding.*—The Corps is expected to allocate the additional funding provided in this account primarily to specific feasibility and PED phases, rather than to remaining items as has been the case in previous work plans.

When allocating the additional funding provided in this account, the Corps shall consider giving priority to completing or accelerating ongoing studies that will enhance the nation's economic development, job growth, and international competitiveness; for projects located in areas that have suffered recent natural disasters; for projects that protect life and property, including reducing flood risks to vulnerable communities or projects that have been authorized based on their ability to reduce life safety risks; for projects that have been classified by the Corps as having a high risk of levee failure and life loss in the last five fiscal years; for projects whose failure would cause a release of hazardous material from a Superfund site; or for projects to address legal requirements. The Corps is urged to consider any national security benefits a project may have when allocating this funding. The Corps shall use these funds for additional work in both the feasibility and PED phases. The Administration is reminded that a project study is not complete until the PED phase is complete and that no new start or new investment decision shall be required when moving from feasibility to PED.

*Coastal Field Data Collection.* The agreement includes an additional \$1,500,000 above the budget request amount of \$1,500,000 to continue data collection and research on the impact of extreme storms in coastal regions.

*Coordination with Other Water Resource Agencies.*—Additional funds are included for continued collaboration with other federal agencies and stakeholders on invasive species challenges.

*Disposition of Completed Projects.*—The Corps is directed to provide to the Committees copies of disposition studies upon completion. The agreement rejects the budget request proposal to fund a disposition study of the Arkansas Red River Chloride Control project. The Corps is directed to brief the Committees not later than 60 days after enactment of this Act on the status of the project.

*Flood Policy in Urban Areas.*—The agreement reiterates Senate direction.

*McClellan-Kerr Arkansas River Navigation System (MKARNS), Arkansas and Oklahoma.*—The agreement reiterates Senate direction.

*New York-New Jersey Harbor and Tributaries Study.*—The Corps is expected to vigorously engage community groups and incorporate impacts of low-frequency precipitation and impacts of sea level rise in the study. The Corps is directed to provide to the Committees not later than 45 days after enactment of this Act a briefing on the status of this study.

*Non-Contiguous Regional Sediment Study.*—The Corps shall, within available funds in the National Shoreline Management Study remaining item, conduct a study and provide to the Committees not later than one year after enactment of this Act a report on how beneficial uses of dredged material for non-

contiguous states and territories can be applied to mitigate rising sea levels, including impacts on sensitive shoreline areas.

*Planning Assistance to States.*—The agreement notes the important role the Corps plays in managing flood risk and threats from coastal hazards and that the Planning Assistance to States program provides in assisting with comprehensive plans and technical assistance to eligible state, tribal, or U.S. territory partners. Accordingly, the agreement provides \$9,000,000 for the program. Within the funds provided, the Corps is directed to prioritize providing planning-level technical assistance to coastal federally recognized tribal communities that are actively working to relocate homes and other critical infrastructure to higher ground to mitigate the impacts of climate change. The Corps is directed to provide to the Committees not later than 45 days after enactment of this Act a briefing on its efforts to comply with this directive, how the Corps' existing authorities can provide assistance to coastal federally recognized tribal communities actively working to relocate their homes, and how these authorities could be modernized to better assist these communities.

*Puget Sound Nearshore Study, Washington.*—The Corps is encouraged to proceed with the tiered implementation strategy using all existing authorities as outlined in the Puget Sound Nearshore Ecosystem Restoration Project Feasibility Study, Completion Strategy Guidance dated June 2015. The Corps is directed to recognize the Puget Sound Nearshore Study as the feasibility component for the purposes of section 544 of WRDA 2000 (Public Law 106–541). The agreement notes that the Water Infrastructure Improvements for the Nation (WIIN) Act (Public Law 114–322) authorized construction of the Puget Sound Nearshore Ecosystem Restoration Project. The Corps is reminded that consistent with the direction in this agreement no new start, new investment decision, or new phase decision shall be required to continue this project in PED.

*Research and Development.*—The agreement encourages the Corps to engage in monitored field trials of coastal restoration optimized for blue carbon CO<sub>2</sub> sequestration. The Corps is directed to provide to the Committees not later than 180 days after enactment of this Act a briefing on such efforts and how the Corps collaborates with other federal and state agencies on these issues. The Corps is also encouraged to collaborate with university partners to improve the capabilities for improving the integrity and performance of the nation's levee systems. The agreement provides \$4,000,000 to modernize existing Corps coastal and hydraulics models and integrate them to make them accessible for use by other agencies, universities, and the public. The Corps is directed to investigate the presence, geochemistry, and potential recovery of rare earth elements in dredged materials. The Corps is reminded that activities related to innovative materials, as required under section 1208 of America's Water Infrastructure Act (AWIA) of 2018, are eligible for funding under the Research and Development remaining item.

*Research and Development, Biopolymers.*—The agreement provides \$6,000,000 to continue research activities. With continued funding, it is understood that this effort will be completed in two years.

*Research and Development, Ecohydraulics.* The Corps is encouraged to consider advancement and implementation of capabilities regarding ecohydraulic data and models to support project planning and engineering models for decision making and advance ecohydraulics tools.

*Research and Development, Flood and Coastal Systems.* The agreement provides \$5,000,000 to utilize partnerships to research and develop advanced technology to automate assessment and inspection of flood control systems. The Corps is directed to provide to the Committees not later than 90 days after enactment of this Act a proposal for this effort, including a detailed scope of work with a breakdown of research activities, work to be performed by the Corps and academia, specific deliverables, and schedule and funding requirements. This work shall be for the purpose of identifying levee deficiencies, such as slope instability, settlement and seepage, and ensuring the safety of the surrounding areas and communities.

*Research and Development, Freshwater Intrusions.* There is recognition of the need to develop tools to assess, forecast, and proactively manage the hydrodynamic and environmental impacts of large-scale freshwater intrusion into the Mississippi Sound and surrounding waters. These consistent freshwater intrusions have been detrimental to the Mississippi Sound and the U.S. blue economy. The Corps is encouraged to partner with academia with expertise in coastal processes and ocean and hydrodynamic modeling to develop these tools.

*Research and Development, Future Work.* The value of research topics currently being addressed by the Army Engineer Research and Development Center (ERDC) toward advancing the Civil Works missions of the Corps is valued and recognized. It is understood that the ERDC and the Corps have identified a series of critical research categories that will advance the efficient implementation of the Civil Works mission and provide value to the nation. It is understood that responding to these research needs can benefit the Corps by leveraging the expertise of universities through partnerships. The ERDC is directed to provide to the Committees not later than 90 days after enactment of this Act a briefing on future research needs (including multi-year funding requirements) and potential university partnerships related to its strategic goals.

*Research and Development, Managing Emerging Threats and Resilience for Flood Control Structures.* The Corps is encouraged to research, test, and refine the use of rapid, repeatable, and remote methods for long-term monitoring of critical water infrastructure and to partner with academia to research and manage emerging threats and attain resilience for flood control structures.

*Research and Development, Modeling.* The agreement provides \$4,000,000 to support ongoing research into geochemical, geophysical, and sedimentological analysis and modeling. It is understood that with continued funding this effort will be completed in three years.

*Research and Development, Oyster Reef Restoration.* The importance of sustainable oyster reefs for maintaining healthy ecosystems, protecting coastal infrastructure, and supporting commercial fisheries is recognized. Recent restoration efforts have not achieved the intended success for U.S. oyster populations, and the identification of effective restoration strategies remains a critical gap. The agreement provides \$3,000,000 for these activities. It is understood this effort will be completed in fiscal year 2022. The Corps



is encouraged to develop partnerships with research universities to leverage their expertise to enhance these activities.

*Research and Development, Polymer Composites.*—The Corps is directed to provide to the Committees not later than 90 days after enactment of this Act a proposal for investigating the value of incorporating polymer composites into infrastructure application in navigable waterways. The proposal shall include a detailed scope of work, a breakdown of research activities, work to be performed by the Corps and academia, specific deliverables, and schedule and funding requirements.

*Research and Development, Subsurface Drains.*—The Corps is directed to provide to the Committees not later than 90 days after enactment of this Act a briefing on research and development opportunities of subsurface drain systems pursuant to section 227 of WRDA 2020.

*Research and Development, Urban Flood Damage Reduction.*—The agreement includes \$3,000,000 for the Corps to continue its focus on the management of water resources infrastructure and projects that promote public safety, reduce risk, improve operational efficiencies, reduce flood damage, and sustain the environment. Work should focus on unique western U.S. issues like wildfire, rain-on-snow, atmospheric rivers effects on flood risk management, and bridging the connection between climate change science and engineering application for flood risk management, emergency management, and ecosystem management. The tools and technologies developed under this program should also be applicable to other parts of the country. It is understood that with continued funding this effort will be completed in three years.

*Tenkiller Ferry Lake.*—The agreement reiterates Senate language.

#### CONSTRUCTION

The agreement includes \$2,492,800,000 for Construction.

The allocation for projects and activities within the Construction account is shown in the following table:

~~INSERT TABLE~~

Insert 13a-e

CORPS OF ENGINEERS - CONSTRUCTION  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
ARKANSAS		
MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, THREE RIVERS, AR	96,850	149,000 *
ARIZONA		
WESTERN RURAL WATER, AZ, NV, MT, ID, NM, UT & WY (Arizona Environmental Infrastructure, AZ)	---	4,000
WESTERN RURAL WATER, AZ, NV, MT, ID, NM, UT & WY (Arizona Environmental Infrastructure, AZ - City of Tolleson)	---	638
TRES RIOS, AZ	---	1,841
CALIFORNIA		
AMERICAN RIVER COMMON FEATURES, NATOMAS BASIN, CA	156,915	156,915
CALAVERAS COUNTY, SECTION 219, CA	---	1,000
CITY OF NORWALK, SECTION 219, CA	---	250
DESERT HOT SPRINGS, SECTION 219, CA	---	250
HAMILTON AIRFIELD WETLANDS RESTORATION, CA	---	1,000
HARBOR/SOUTH BAY, LOS ANGELES, CA	---	3,790
NEW RIVER, IMPERIAL COUNTY, CA	---	500
SACRAMENTO AREA ENVIRONMENTAL INFRASTRUCTURE (CITY OF FOLSOM), CA	---	75
SACRAMENTO AREA ENVIRONMENTAL INFRASTRUCTURE (ORANGEVALE), CA	---	75
SACRAMENTO AREA ENVIRONMENTAL INFRASTRUCTURE (ROSEVILLE-PCWA COOPERATIVE WATER RELIABILITY, SECTION 219), CA	---	75
SAN CLEMENTE SHORELINE, CA	---	9,306
SAN JOAQUIN RIVER BASIN, LOWER SAN JOAQUIN, CA	15,000	15,000
SURFSIDE-SUNSET-NEWPORT BEACH, CA	---	15,500
WEST SACRAMENTO, CA	17,900	17,900
WHITTIER NARROWS, CA (DAM SAFETY)	219,591	219,591
COLORADO		
OTERO, BENT, CROWLEY, KIOWA, AND POWERS COUNTIES, SECTION 219, CO	---	7,000
DELAWARE		
DELAWARE COAST, CAPE HENLOPEN TO FENWICK ISLAND, DE	---	4,000
DELAWARE COAST PROTECTION, DE	---	1,200
DELAWARE COAST, REHOBOTH BEACH TO DEWEY BEACH, DE	---	7,650
DISTRICT OF COLUMBIA		
CHESAPEAKE BAY ENVIRONMENTAL RESTORATION & PROTECTION PROGRAM, DC, DE, MD, NY, PA, VA & WV	---	5,750

CORPS OF ENGINEERS - CONSTRUCTION  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
FLORIDA		
FLORIDA KEYS WATER QUALITY IMPROVEMENT PROJECT, FL	---	6,000
FORT PIERCE, FL	---	10,549
SOUTH FLORIDA ECOSYSTEM RESTORATION, FL	350,000	350,000
GEORGIA		
SAVANNAH HARBOR EXPANSION, GA	24,000	24,000
ILLINOIS		
CALUMET HARBOR AND RIVER, IL and IN	---	9,100 *
MADISON & ST. CLAIR COUNTIES, IL	---	6,025
UPPER MISSISSIPPI RIVER - ILLINOIS WW SYSTEM, IL, IA, MN, MO & WI	---	45,100
UPPER MISSISSIPPI RIVER RESTORATION, IL, IA, MN, MO and WI	33,170	33,170
INDIANA		
CALUMET REGION, IN	---	10,000
INDIANA HARBOR, CONFINED DISPOSAL FACILITY, IN	---	18,395 *
INDIANA SHORELINE, IN	---	2,700
IOWA		
MISSOURI RIVER FISH AND WILDLIFE RECOVERY, IA, KS, MO, MT, NE, ND and SD	8,075	8,075
KANSAS		
FAIRFAX JERSEY CREEK, KS	---	4,000
KENTUCKY		
SOUTHERN AND EASTERN KENTUCKY, KY (MARTIN COUNTY)	---	1,500
LOUISIANA		
CALCASIEU RIVER AND PASS, LA	---	9,000 *
J BENNETT JOHNSTON WATERWAY, LA	---	2,250
LOUISIANA COASTAL AREA ECOSYSTEM RESTORATION, LA	6,000	6,000
SOUTHWEST COASTAL LOUISIANA HURRICANE PROTECTION, LA	---	10,000
MARYLAND		
ANACOSTIA WATERSHED RESTORATION, PRINCE GEORGE'S COUNTY, MD	30,000	30,000
ASSATEAGUE ISLAND, MD	---	600 *
CHESAPEAKE BAY OYSTER RECOVERY, MD and VA	3,880	3,880

CORPS OF ENGINEERS - CONSTRUCTION  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
CUMBERLAND, MD & RIDGELEY, WV	---	390
POPLAR ISLAND, MD	---	4,200 *
MICHIGAN		
ECORSE CREEK, WAYNE COUNTY, MI	---	1,675
SAULT SAINTE MARIE (NEW SOO LOCK), MI	480,000	480,000
MINNESOTA		
SECTION 569, ENVIRONMENTAL INFRASTRUCTURE, CITY OF BIWABIK, MN	---	926
SECTION 569, ENVIRONMENTAL INFRASTRUCTURE, VIRGINIA STREET, MN	---	926
MISSOURI		
MONARCH-CHESTERFIELD, MO	---	12,600
NEW JERSEY		
DELAWARE BAY COASTLINE, OAKWOOD BEACH, NJ	---	5,000
GREAT EGG HARBOR INLET AND PECK BEACH (OCEAN CITY), NJ	---	17,000
RARITAN RIVER BASIN, GREEN BROOK SUB-BASIN, NJ	30,000	1,000
TOWNSENDS INLET TO CAPE MAY INLET, NJ	---	15,500
NEW MEXICO		
ACEQUIAS ENVIRONMENTAL INFRASTRUCTURE, NM	---	1,500
NORTH CAROLINA		
CAROLINA BEACH AND VICINITY, NC	---	2,000
WILMINGTON HARBOR, NC	---	22,000 *
NORTH DAKOTA		
PIPESTEM LAKE, ND	136,496	136,496
OHIO		
CITY OF LORAIN ENVIRONMENTAL INFRASTRUCTURE SEWER PROJECT, OH	---	3,375
OHIO RIVERFRONT, CINCINNATI, OH	---	300
OKLAHOMA		
MIDWEST CITY, OK	---	5,000
OREGON		
COLUMBIA RIVER AT THE MOUTH, OR and WA	25,609	25,609

CORPS OF ENGINEERS - CONSTRUCTION  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
WILLAMETTE RIVER AT WILLAMETTE FALLS, OR	---	6,200
PENNSYLVANIA		
SOUTH CENTRAL PENNSYLVANIA ENVIRONMENTAL IMPROVEMENT (CONFLUENCE BOROUGH MUNICIPAL AUTHORITY WATER QUALITY PROJECT), PA	---	3,246
UPPER OHIO NAVIGATION, PA	---	12,800
SOUTH CAROLINA		
LAKES MARION AND MOULTRIE, SC	---	19,785
VERMONT		
LAKE CHAMPLAIN BASIN (SECTION 542), VT	---	5,250
VIRGINIA		
NORFOLK HARBOR AND CHANNELS, VA (DEEPENING)	83,700	83,700
WASHINGTON		
COLUMBIA RIVER FISH MITIGATION, WA, OR and ID (CRFM)	3,575	38,375
DALLES TRIBAL VILLAGE DEVELOPMENT PLAN, WA	---	1,200
MOUNT ST. HELENS SEDIMENT CONTROL, WA	29,749	29,749
PUGET SOUND & ADJACENT WATER RESTORATION (SPENCER ISLAND), WA	---	5,000
WEST VIRGINIA		
MARRTOWN SANITARY SEWER EXTENSION, SECTION 219, WV	---	3,110
SHEPHERDSTOWN SYSTEM IMPROVEMENTS, SECTION 571, WV	---	1,668
WHEELING ELM RUN FLASH FLOODING, SECTION 219, WV	---	546
SUBTOTAL, PROJECTS LISTED UNDER STATES	1,750,510	2,158,776
REMAINING ITEMS		
ADDITIONAL FUNDING		
FLOOD AND STORM DAMAGE REDUCTION	---	25,500
FLOOD CONTROL	---	17,833
SHORE PROTECTION	---	19,833
NAVIGATION	---	89,255
OTHER AUTHORIZED PROJECT PURPOSES	---	15,833
ENVIRONMENTAL RESTORATION OR COMPLIANCE	---	29,291
ENVIRONMENTAL INFRASTRUCTURE	---	13,000
AQUATIC PLANT CONTROL PROGRAM	---	30,000
BENEFICIAL USE OF DREDGED MATERIAL PILOT PROGRAM	---	2,044
RESILIENT SAN FRANCISCO BAY PILOT PROJECT, CA	---	(1,775)



CORPS OF ENGINEERS - CONSTRUCTION  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
CONTINUING AUTHORITIES PROGRAM		
AQUATIC ECOSYSTEM RESTORATION (SECTION 206)	1,000	11,000
BENEFICIAL USES DREDGED MATERIAL (SECTION 204)	1,000	10,000 *
EMERGENCY STREAMBANK AND SHORELINE PROTECTION (SECTION 14)	---	8,000
CHICKASAW PARK LOUISVILLE/JEFFERSON CO. KY (CAP SEC 14), KY	---	(50)
KANAWHA RIVER STREAMBANK STABILIZATION, WV	---	(1,836)
MORGAN STATE UNIVERSITY STADIUM WAY SLOPE STABILIZATION, MD	---	(50)
WATCH HILL LIGHTHOUSE, RI	---	(50)
FLOOD CONTROL PROJECTS (SECTION 205)	1,000	10,000
LOWER SANTA CRUZ RIVER, ELOY LEVEE, AZ	---	(100)
MCCORMICK WASH, GLOBE, AZ	---	(100)
RIVER ROAD, TOWN OF ROSENDALE, NY	---	(100)
ROSE AND PALM GARDEN WASHES FLOOD CONTROL PROJECT, AZ	---	(100)
SALMON RIVER, NY	---	(50)
MITIGATION OF SHORE DAMAGES (SECTION 111)	---	2,500
NAVIGATION PROGRAM (SECTION 107)	---	2,500
PORT OF MUSKEGON, MI	---	(100)
STURGEON POINT, TOWN OF EVANS, NY	---	(100)
PROJECT MODIFICATIONS FOR IMPROVEMENT OF THE ENVIRONMENT (SECTION 1135)	1,533	8,000
OSAGE RIVER ECOSYSTEM RESTORATION, TUSCUMBIA, MO & MILLER COUNTY, MO	---	(300)
SHORE PROTECTION (SECTION 103)	---	1,000
REEL POINT PRESERVE, TOWN OF SHELTER ISLAND, NY	---	(50)
RONDOT RIVERPORT, CITY OF KINGSTON, NY	---	(100)
ROSE LARISA PARK, RI	---	(50)
WADING RIVER CREEK, TOWN OF RIVERHEAD, NY	---	(50)
DAM SAFETY AND SEEPAGE/STABILITY CORRECTION PROGRAM	13,000	13,000
EMPLOYEES' COMPENSATION	15,000	15,000
INLAND WATERWAYS USERS BOARD - BOARD EXPENSE	60	60
INLAND WATERWAYS USERS BOARD - CORPS EXPENSE	275	275
RESTORATION OF ABANDONED MINES	---	2,000
TRIBAL PARTNERSHIP PROGRAM	---	8,100
INNOVATIVE FUNDING PARTNERSHIPS	10,000	---
SUBTOTAL, REMAINING ITEMS	42,868	334,024
TOTAL, CONSTRUCTION	1,793,378	2,492,800

\*Includes funds requested in other accounts.

*Updated Capabilities.* The agreement adjusts some project-specific allocations downward based on updated technical information from the Corps.

*Additional Funding.*—The agreement includes additional funds for projects and activities to enhance the nation's economic development, job growth, and international competitiveness.

Of the additional funding provided in this account for environmental restoration or compliance and other authorized project purposes, the Corps shall allocate not less than \$14,282,000 for execution of comprehensive restoration plans developed by the Corps for major bodies of water.

Of the additional funds provided in this account for flood and storm damage reduction, navigation, and other authorized project purposes, the Corps shall allocate not less than \$15,000,000 to authorized reimbursements for projects with executed project partnership agreements and that have completed construction or where non-federal sponsors intend to use the funds for additional water resource development activities.

Public Law 115–123, Public Law 116–20, Public Law 117–43, and Public Law 117–58 included funding within the Flood Control and Coastal Emergencies account to restore authorized shore protection projects to full project profile. That funding is expected to address most of the current year capability. Therefore, to ensure funding is not directed to where it cannot be used, the agreement includes \$19,833,000 for construction of shore protection projects. The Corps is reminded that if additional work can be done, these projects are also eligible to compete for additional funding for flood and storm damage reduction.

The agreement includes \$13,000,000 in additional funding for environmental infrastructure projects and no further direction.

When allocating the additional funding provided in this account, the Corps is encouraged to evaluate authorized reimbursements in the same manner as if the projects were being evaluated for new or ongoing construction. The Corps shall not condition these funds, or any funds appropriated in this Act, on a non-federal interest paying more than its required share in any phase of a project. When allocating the additional funding provided in this account, the Corps shall consider giving priority to the following:

1. benefits of the funded work to the national economy;
2. extent to which the work will enhance national, regional, or local economic development;
3. number of jobs created directly and supported in the supply chain by the funded activity;
4. significance to national security, including the strategic significance of commodities;
5. ability to obligate the funds allocated within the calendar year, including consideration of the ability of the non-federal sponsor to provide any required cost share;
6. ability to complete the project, separable element, or project phase with the funds allocated;
7. legal requirements, including responsibilities to tribes;
8. effect on alleviating water supply issues in areas that have been afflicted by severe droughts in the past four fiscal years, including projects focused on the treatment of brackish water;
9. for flood and storm damage reduction projects (including authorized nonstructural measures and periodic beach renourishments):

- a. population, safety of life, economic activity, or public infrastructure at risk, as appropriate;
  - b. the severity of risk of flooding or the frequency with which an area has experienced flooding; and
  - c. preservation of historically significant communities, culture, and heritage;
10. for shore protection projects, projects in areas that have suffered severe beach erosion requiring additional sand placement outside of the normal beach renourishment cycle or in which the normal beach renourishment cycle has been delayed, and projects in areas where there is risk to life and public health and safety and risk of environmental contamination;
  11. for mitigation projects, projects with the purpose to address the safety concerns of coastal communities impacted by federal flood control, navigation, and defense projects;
  12. for navigation projects, the number of jobs or level of economic activity to be supported by completion of the project, separable element, or project phase;
  13. for other authorized project purposes and environmental restoration or compliance projects, to include the beneficial use of dredged material; and
  14. for environmental infrastructure, projects with the greater economic impact, projects in rural communities, projects in communities with significant shoreline and instances of runoff, projects in or that benefit counties or parishes with high poverty rates, projects owed past reimbursements, projects in financially-distressed municipalities, projects that improve stormwater capture capabilities, projects that provide backup raw water supply in the event of an emergency, and projects that will provide substantial benefits to water quality improvements.

*Aquatic Plant Control Program.* Of the additional funding provided for the Aquatic Plant Control Program, \$17,000,000 shall be for watercraft inspection stations and rapid response, as authorized in section 104 of the River and Harbor Act of 1958, equally distributed to carry out subsections (d)(1)(A)(i), (d)(1)(A)(ii), and (d)(1)(A)(iii), and \$3,000,000 shall be for related monitoring as authorized by section 1170 of the AWIA. The agreement provides \$1,000,000 for activities for monitoring, surveys, and control of flowering rush and hydrilla. Additionally, \$7,000,000 shall be for nationwide research and development to address invasive aquatic plants, within which the Corps is encouraged to support cost-shared aquatic plant management programs. Particularly, the Corps is encouraged to evaluate and address prevention of new infestations of hydrilla in the Connecticut River Basin. The agreement also provides \$150,000 to commence activities authorized under section 509 of WRDA 2020, and the Corps is directed to provide to the Committees prior to the obligation of any funds for this purpose a briefing on how it will implement this program. The agreement provides additional funding for activities authorized by section 505 of WRDA 2020, and the Corps is directed to provide to the Committees prior to the obligation of any funds for this purpose a briefing on how it will implement this program.

*Beneficial Use of Dredged Material Pilot Program.*—The agreement provides \$2,044,000 to continue the pilot projects to demonstrate the economic benefits and impacts of environmentally

sustainable maintenance dredging methods that provide for ecosystem restoration and resilient protective measures. Cost sharing for these projects shall be in accordance with subsection (e) of section 1122 of the WIIN Act of 2016 (Public Law 114–322). The Corps is directed to provide to the Committees not later than 90 days after enactment of this Act a briefing on the lessons learned from the pilot program, including the economic effects, environmental impacts and effects, alternative dredged material disposal locations and the use of alternative dredging equipment. The Corps is further directed to provide to the Committees prior to any effort to solicit or select any additional pilot projects a briefing on the status of the program.

*Bipartisan Budget Act of 2018.*—Significant concerns persist about the implementation of funding provided in the Bipartisan Budget Act of 2018 (BBA18) (Public Law 115–123) for completing high-priority flood control construction projects. Notably, the decision to publish a list of projects to be funded using outdated cost estimates and an inadequate risk reserve for these projects has led to serious challenges in execution and unnecessary delays in advancing project construction. The executive branch is reminded that the intent of the direction to complete projects using BBA18 funds was to avoid starting more projects than could be finished using those funds. The Administration should consider all available opportunities to advance projects, including discrete elements, that already received BBA18 allocations. To do otherwise would be penalizing local communities for the fundamental mistakes of the executive branch.

The Corps shall provide quarterly reports on the obligation of funds as required by law. The lack of transparency and progress is unacceptable. The Corps is directed to provide to the Committees not later than 30 days after enactment of this Act, and monthly thereafter, a briefing on the status of the program and the plan for completion of projects.

*Camp Ellis Beach, Saco, Maine.* The agreement reiterates Senate direction.

*Chesapeake Bay Comprehensive Water Resources and Restoration Plan and Oyster Recovery Program.* The Corps is reminded that the Chesapeake Bay Comprehensive Water Resources and Restoration Plan and the Chesapeake Bay Oyster Recovery Program are eligible to compete for the additional funding provided in this account, and the Corps is encouraged to provide appropriate funding in future budget requests.

*Columbia River Treaty.* The agreement reiterates Senate direction.

*Construction Funding Schedules.* The agreement reiterates Senate direction.

*Continuing Authorities Program (CAP).*—Funding is provided for eight CAP sections at a total of \$53,000,000. The management of CAP should continue consistent with direction provided in previous fiscal years.

The Corps shall allow for the advancement of flood control projects in combination with ecological benefits using natural and nature-based solutions alone, or in combination with, built infrastructure where appropriate for reliable risk reduction during the development of projects under CAP 205.

*Howard Hanson Dam, Washington.*—The Corps is directed to work expeditiously on this project in order to meet the 2030 deadline established in the Biological Opinion. The Corps is encouraged to

continue efforts to fully implement the jeopardy Biological Opinion determining the impact of ongoing operations of Howard Hanson Dam and specifically the ongoing work to construct a downstream fish passage facility.

*Kentucky Lock and Dam, Kentucky.*—There is concern about major delays on construction projects, particularly the Kentucky Lock and Dam, which was provided funding by the Infrastructure Investment and Jobs Act (Public Law 117–58) that the Administration states will physically complete and fiscally close out the project. The Corps is strongly urged to prioritize completing this project per the scheduled completion date of 2025.

*Matagorda Ship Channel, Texas.*—The non-federal sponsor has proposed a plan for expediting the continued construction and expansion of the Matagorda Ship Channel. Completion of this project is critical to remedying original project design deficiencies, decreasing accidents, and adequately accommodating existing fully loaded vessels. Furthermore, completed expansion has the potential to provide major economic growth for the region and is to be commended for its unique public-private partnership to complete. The Administration is urged to review the proposed plan as expeditiously as possible so construction can proceed.

*South Florida Ecosystem Restoration (SFER), Florida.* As in previous years, the agreement provides funding for all study and construction activities related to Everglades restoration under the line item titled “South Florida Ecosystem Restoration, Florida.” This single line item allows the Corps flexibility in implementing the numerous activities underway in any given fiscal year. For fiscal year 2022, the Corps is directed to make publicly available a comprehensive snapshot of all SFER cost share accounting down to the project level and to ensure the accuracy of all budget justification sheets that inform SFER Integrated Financial Plan documents by September 30, 2022.

#### MISSISSIPPI RIVER AND TRIBUTARIES

The agreement includes \$370,000,000 for Mississippi River and Tributaries.

The allocation for projects and activities within the Mississippi River and Tributaries account is shown in the following table:

[INSERT TABLE]

Insert 18a-b



CORPS OF ENGINEERS - MISSISSIPPI RIVER AND TRIBUTARIES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
INVESTIGATIONS		
LOWER MISSISSIPPI RIVER COMPREHENSIVE MANAGEMENT STUDY	---	5,000
RUNNING REELFOOT BAYOU, TN	600	600
CONSTRUCTION		
BAYOU METO BASIN, AR	---	24,000
CHANNEL IMPROVEMENT, AR, IL, KY, LA, MS, MO & TN	14,300	17,300
CHANNEL IMPROVEMENT, AR, IL, KY, LA, MS, MO & TN (TOM LEE PARK)	---	(3,000)
GRAND PRAIRIE REGION, AR	---	13,000
MISSISSIPPI RIVER LEVEES, AR, IL, KY, LA, MS, MO and TN	17,450	17,450
ATCHAFALAYA BASIN FLOODWAY SYSTEM, LA	800	800
MORGANZA TO THE GULF, LA	---	19,333
YAZOO BASIN, DELTA HEADWATERS, MS	---	12,900
YAZOO BASIN, UPPER YAZOO, MS	---	2,500
YAZOO BASIN, YAZOO BACKWATER AREA, MS	---	7,000
OPERATION & MAINTENANCE		
CHANNEL IMPROVEMENT, AR, IL, KY, LA, MS, MO and TN	77,500	77,500
HELENA HARBOR, PHILLIPS COUNTY, AR	---	540 *
INSPECTION OF COMPLETED WORKS, AR	---	252 ~
LOWER ARKANSAS RIVER, NORTH BANK, AR	75	75
LOWER ARKANSAS RIVER, SOUTH BANK, AR	40	40
MISSISSIPPI RIVER LEVEES, AR, IL, KY, LA, MS, MO and TN	11,593	11,593
RED-OUACHITA RIVER BASIN LEVEES, AR and LA	87	87
ST. FRANCIS BASIN, AR and MO	9,600	9,600
TENSAS BASIN, BOEUF AND TENSAS RIVER, AR and LA	2,455	2,455
WHITE RIVER BACKWATER, AR	1,100	1,100
INSPECTION OF COMPLETED WORKS, IL	---	20 ~
INSPECTION OF COMPLETED WORKS, KY	---	35 ~
ATCHAFALAYA BASIN, LA	25,500	25,500
ATCHAFALAYA BASIN FLOODWAY SYSTEM, LA	1,517	1,517
BATON ROUGE HARBOR, DEVILS SWAMP, LA	---	560 *
BAYOU COCODRIE AND TRIBUTARIES, LA	48	48
BONNET CARRE, LA	3,905	3,905
INSPECTION OF COMPLETED WORKS, LA	---	3,952 ~
LOWER RED RIVER, SOUTH BANK LEVEES, LA	140	140
MISSISSIPPI DELTA REGION, LA	1,940	1,940
OLD RIVER, LA	52,020	19,020
TENSAS BASIN, RED RIVER BACKWATER, LA	2,990	2,990
GREENVILLE HARBOR, MS	---	932 *
INSPECTION OF COMPLETED WORKS, MS	---	202 ~
VICKSBURG HARBOR, MS	---	942 *
YAZOO BASIN, ARKABUTLA LAKE, MS	6,070	6,070
YAZOO BASIN, BIG SUNFLOWER RIVER, MS	224	224
YAZOO BASIN, ENID LAKE, MS	5,362	5,362
YAZOO BASIN, GREENWOOD, MS	365	365
YAZOO BASIN, GRENADA LAKE, MS	5,482	5,482
YAZOO BASIN, MAIN STEM, MS	900	900
YAZOO BASIN, SARDIS LAKE, MS	7,632	7,632
YAZOO BASIN, TRIBUTARIES, MS	450	450
YAZOO BASIN, WILL M. WHITTINGTON AUXILIARY CHANNEL, MS	290	290
YAZOO BASIN, YAZOO BACKWATER AREA, MS	727	727
YAZOO BASIN, YAZOO CITY, MS	450	450

CORPS OF ENGINEERS - MISSISSIPPI RIVER AND TRIBUTARIES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
INSPECTION OF COMPLETED WORKS, MO	---	136 ~
WAPPAPELLO LAKE, MO	6,863	6,863
INSPECTION OF COMPLETED WORKS, TN	---	28 ~
MEMPHIS HARBOR, MCKELLAR LAKE, MEMPHIS, TN	---	2,338 *
SUBTOTAL, PROJECTS LISTED UNDER STATES	258,475	322,145
REMAINING ITEMS		
ADDITIONAL FUNDING		
DREDGING	---	5,000
FLOOD CONTROL	---	26,500
OTHER AUTHORIZED PROJECT PURPOSES	---	9,857
COLLECTION AND STUDY OF BASIC DATA (INVESTIGATIONS)	6,498	6,498
MISSISSIPPI RIVER COMMISSION	90	---
INSPECTION OF COMPLETED WORKS (OPERATION)	4,625	---
SUBTOTAL, REMAINING ITEMS	11,213	47,855
TOTAL, MISSISSIPPI RIVER AND TRIBUTARIES	269,688	370,000

\*Includes funds requested in other accounts.

~Includes funds requested in remaining items.

*Updated Capabilities.* The agreement adjusts some project-specific allocations downward based on updated technical information from the Corps.

*Additional Funding.*—When allocating the additional funding provided in this account, the Corps shall consider giving priority to completing or accelerating ongoing work that will enhance the nation's economic development, job growth, and international competitiveness or for studies or projects located in areas that have suffered recent natural disasters. While this funding is shown under remaining items, the Corps shall use these funds in investigations, construction, and operation and maintenance, as applicable. When allocating additional funds recommended in this account, the Corps is directed to give adequate consideration to cooperative projects addressing watershed erosion, sedimentation, flooding, and environmental degradation.

*Lower Mississippi River Main Stem.* The budget request proposes to consolidate several activities across multiple states into one line item. The agreement does not support this change and instead continues to fund these activities as separate line items.

*Mississippi River Commission.*—No funding is provided for this new line item. The Corps is directed to continue funding the costs of the commission from within the funds provided for activities within the Mississippi River and Tributaries project.

*Yazoo Basin, Yazoo Backwater Area, Mississippi.*—For mitigation of previously constructed features.

#### OPERATION AND MAINTENANCE

The agreement includes \$4,570,000,000 for Operation and Maintenance.

The allocation for projects and activities within the Operation and Maintenance account is shown in the following table:

[INSERT TABLE]

Insert 20a-u

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
ALABAMA		
ALABAMA RIVER LAKES, AL	15,252	22,672
BAYOU CODEN, AL	---	3,000
BAYOU LA BATRE, AL	---	5,008 *
BLACK WARRIOR AND TOMBIGBEE (BWT) RIVERS, AL	24,652	27,852
BON SECOUR RIVER, AL	---	4,493
DAUPHIN ISLAND BAY, AL	---	3,023
GULF INTRACOASTAL WATERWAY (GIWW), AL	6,745	6,745
INSPECTION OF COMPLETED WORKS, AL	---	180 ~
MOBILE HARBOR, AL	---	62,212 *
PERDIDO PASS CHANNEL, AL	---	2,000
PROJECT CONDITION SURVEYS, AL	---	150 *
SCHEDULING RESERVOIR OPERATIONS, AL	---	85 ~
TENNESSEE - TOMBIGBEE WATERWAY - WILDLIFE MITIGATION, AL and MS	1,800	1,800
TENNESSEE - TOMBIGBEE WATERWAY (TTWW), AL & MS	28,986	31,276
WALTER F. GEORGE LOCK AND DAM, AL & GA	10,676	10,676
WATER/ENVIRONMENTAL CERTIFICATION, AL	---	90 *
ALASKA		
ANCHORAGE HARBOR, AK	---	9,205 *
CHENA RIVER LAKES FLOOD CONTROL PROJECT, NORTH POLE, AK	6,921	6,921
DILLINGHAM HARBOR, AK	---	1,055 *
ELFIN COVE, AK	---	2,660 *
HOMER HARBOR, AK	---	785 *
INSPECTION OF COMPLETED WORKS, AK	---	200 ~
LOWELL CREEK TUNNELL (SEWARD), AK	75	75
NINILCHIK HARBOR, AK	---	665 *
NOME HARBOR, AK	---	2,434 *
PROJECT CONDITION SURVEYS, AK	---	750 *
AMERICAN SAMOA		
ANUU HARBOR, AS	---	---
ARIZONA		
ALAMO LAKE, AZ	1,600	1,600
INSPECTION OF COMPLETED WORKS, AZ	---	175 ~
PAINTED ROCK DAM, AZ	1,936	1,936
SCHEDULING RESERVOIR OPERATIONS, AZ	---	112 ~
WHITLOW RANCH DAM, AZ	445	445
ARKANSAS		
BEAVER LAKE, AR	8,956	8,956
BLAKELY MOUNTAIN DAM, LAKE OUACHITA, AR	7,460	7,460
BLUE MOUNTAIN LAKE, AR	1,998	1,868
BULL SHOALS LAKE, AR	9,525	9,425

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
DEGRAY LAKE, AR	6,587	6,587
DEQUEEN LAKE, AR	1,846	1,846
DIERKS LAKE, AR	1,488	1,473
GILLHAM LAKE, AR	1,430	1,430
GREERS FERRY LAKE, AR	7,947	7,947
HELENA HARBOR, AR	---	15 *
INSPECTION OF COMPLETED WORKS, AR	---	929 ~
MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, AR	56,136	56,136
MILLWOOD LAKE, AR	2,831	2,831
NARROWS DAM, LAKE GREESON, AR	5,691	5,691
NIMROD LAKE, AR	2,267	2,122
NORFORK LAKE, AR	6,572	6,297
OSCEOLA HARBOR, AR	---	15 *
OUACHITA AND BLACK RIVERS, AR and LA	12,065	9,525
PROJECT CONDITION SURVEYS, AR	---	5 *
WHITE RIVER, AR	25	25
YELLOW BEND PORT, AR	---	127 *

CALIFORNIA

BLACK BUTTE LAKE, CA	6,400	6,400
BUCHANAN DAM - H.V. EASTMAN LAKE, CA	2,295	2,295
CHANNEL ISLANDS HARBOR, CA	---	15,016 *
COYOTE VALLEY DAM, LAKE MENDOCINO, CA	8,200	8,200
DRY CREEK (WARM SPRINGS) LAKE AND CHANNEL, CA	9,524	9,524
FARMINGTON DAM, CA	525	525
HIDDEN DAM - HENSLEY LAKE, CA	7,495	7,495
HUMBOLDT HARBOR AND BAY, CA	---	4,700 *
INSPECTION OF COMPLETED WORKS, CA	---	3,410 ~
ISABELLA LAKE, CA	3,440	3,440
LOS ANGELES COUNTY DRAINAGE AREA, CA	20,220	20,220
MERCED COUNTY STREAMS, CA	835	835
MOJAVE RIVER DAM, CA	1,101	1,101
MORRO BAY HARBOR, CA	---	3,600 *
NAPA RIVER, CA	---	4,750 *
NEW HOGAN LAKE, CA	6,390	6,390
NEW MELONES LAKE (DOWNSTREAM CHANNEL), CA	2,480	2,480
OAKLAND HARBOR, CA	---	11,540 *
OCEANSIDE HARBOR, CA	---	1,790 *
PINE FLAT LAKE, CA	3,930	3,930
PROJECT CONDITION SURVEYS, CA	---	200 *
RICHMOND HARBOR, CA	---	13,179 *
SACRAMENTO RIVER (30 FOOT CHANNEL), CA	---	875 *
SACRAMENTO RIVER AND TRIBUTARIES (DEBRIS CONTROL), CA	990	1,795 *
SACRAMENTO RIVER (SHALLOW DRAFT CHANNEL), CA	---	190 *
SAN FRANCISCO BAY DELTA MODEL STRUCTURE, CA	1,018	1,018
SAN FRANCISCO BAY LONG TERM MANAGEMENT STRATEGY (LTMS), CA	---	450 *
SAN FRANCISCO HARBOR AND BAY (DRIFT REMOVAL), CA	---	3,883 *
SAN FRANCISCO HARBOR, CA	---	5,275 *
SAN JOAQUIN RIVER (PORT OF STOCKTON), CA	---	5,040 *

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
SAN PABLO BAY AND MARE ISLAND STRAIT, CA	---	600 *
SAN RAFAEL CREEK, CA	---	6,750 *
SANTA ANA RIVER BASIN, CA	6,572	9,072
SANTA BARBARA HARBOR, CA	---	3,640 *
SANTA CRUZ HARBOR, CA	---	540 *
SCHEDULING RESERVOIR OPERATIONS, CA	---	1,623 ~
SUCCESS LAKE, CA	2,972	2,972
SUISUN BAY CHANNEL, CA	---	3,140 *
TERMINUS DAM (LAKE KAWEAH), CA	5,750	5,750
VENTURA HARBOR, CA	---	5,516 *
YUBA RIVER, CA	200	1,755 *

COLORADO

BEAR CREEK LAKE, CO	662	662
CHATFIELD LAKE, CO	1,937	1,937
CHERRY CREEK LAKE, CO	1,487	1,487
INSPECTION OF COMPLETED WORKS, CO	---	314 ~
JOHN MARTIN RESERVOIR, CO	9,594	9,594
TRINIDAD LAKE, CO	2,023	2,023
SCHEDULING RESERVOIR OPERATIONS, CO	---	530 ~

CONNECTICUT

BLACK ROCK LAKE, CT	643	643
COLEBROOK RIVER LAKE, CT	833	833
HANCOCK BROOK LAKE, CT	558	558
HOP BROOK LAKE, CT	1,317	1,317
INSPECTION OF COMPLETED WORKS, CT	---	970 ~
MANSFIELD HOLLOW LAKE, CT	816	816
NEW HAVEN HARBOR, CT	---	401 *
NORTHFIELD BROOK LAKE, CT	585	585
PROJECT CONDITION SURVEYS, CT	---	1,100 *
STAMFORD HURRICANE BARRIER, CT	597	597
THOMASTON DAM, CT	1,000	1,000
WEST THOMPSON LAKE, CT	890	890
WESTPORT HARBOR & SAUGATUCK RIVER, CT	---	2,810

DELAWARE

INDIAN RIVER INLET & BAY, DE	---	30 *
INSPECTION OF COMPLETED WORKS, DE	---	2 ~
INTRACOASTAL WATERWAY, DELAWARE RIVER TO CHESAPEAKE BAY, DE and MD	---	19,130 *
INTRACOASTAL WATERWAY, REHOBOTH BAY TO DELAWARE BAY, DE	---	150 *
PROJECT CONDITION SURVEYS, DE	---	225 *
WILMINGTON HARBOR, DE	---	8,950 *



CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
DISTRICT OF COLUMBIA		
INSPECTION OF COMPLETED WORKS, DC	---	39 ~
POTOMAC AND ANACOSTIA RIVERS, DC AND MD (DRIFT REMOVAL)	---	1,175 *
PROJECT CONDITION SURVEYS, DC	---	30 *
WASHINGTON HARBOR, DC	---	25 *
FLORIDA		
CANAVERAL HARBOR, FL	---	2,215 *
CENTRAL & SOUTHERN FLORIDA (C&SF), FL	22,243	23,854 *
INSPECTION OF COMPLETED WORKS, FL	---	1,003 ~
INTRACOASTAL WATERWAY (IWW) - CALOOSAHATCHEE RIVER TO ANCLOTE RIVER, FL	---	2,500
INTRACOASTAL WATERWAY (IWW) - JACKSONVILLE TO MIAMI, FL	4,380	6,000
JACKSONVILLE HARBOR, FL	---	7,155 *
JIM WOODRUFF LOCK AND DAM, FL, AL and GA	8,501	8,021
MANATEE HARBOR, FL	---	680 *
MIAMI HARBOR, FL	---	180 *
OKEECHOBEE WATERWAY (OWW), FL	1,365	3,710 *
PALM BEACH HARBOR, FL	---	5,120 *
PENSACOLA HARBOR, FL	---	40 *
PORT EVERGLADES HARBOR, FL	---	180 *
PROJECT CONDITION SURVEYS, FL	---	1,275 *
REMOVAL OF AQUATIC GROWTH, FL	---	3,449 *
SCHEDULING RESERVOIR OPERATIONS, FL	---	100 ~
SOUTH FLORIDA ECOSYSTEM RESTORATION, FL	8,950	8,950
ST. LUCIE INLET, FL	---	5,750
ST. LUCIE INLET (SOUTH JETTY REHABILITATION), FL	---	4,800
TAMPA HARBOR, FL	---	12,472 *
WATER/ENVIRONMENTAL CERTIFICATION, FL	---	80 *
GEORGIA		
ALLATOONA LAKE, GA	9,164	9,164
APALACHICOLA, CHATTAHOOCHEE AND FLINT (ACF) RIVERS, GA, AL and FL	1,459	1,459
ATLANTIC INTRACOASTAL WATERWAY (AIWW), GA	3,739	3,739
BRUNSWICK HARBOR, GA	---	7,778 *
BUFORD DAM AND LAKE SIDNEY LANIER, GA	12,441	11,481
CARTERS DAM AND LAKE, GA	8,504	8,504
HARTWELL LAKE, GA and SC	13,090	13,090
INSPECTION OF COMPLETED WORKS, GA	---	196 ~
J. STROM THURMOND (JST) DAM AND LAKE, GA and SC	11,206	11,206
PROJECT CONDITION SURVEYS, GA	---	76 *
RICHARD B. RUSSELL (RBR) DAM AND LAKE, GA and SC	9,541	9,541
SAVANNAH HARBOR, GA	---	33,053 *
SAVANNAH RIVER BELOW AUGUSTA, GA	---	148 *
WEST POINT DAM AND LAKE, GA and AL	8,354	8,304

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
HAWAII		
BARBERS POINT DEEP DRAFT HARBOR, OAHU, HI	300	300
INSPECTION OF COMPLETED WORKS, HI	---	797 ~
PROJECT CONDITION SURVEYS, HI	---	709 *
IDAHO		
ALBENI FALLS DAM, ID	1,245	1,245
DWORSHAK DAM AND RESERVOIR, ID	3,063	3,063
INSPECTION OF COMPLETED WORKS, ID	---	466 ~
LUCKY PEAK DAM AND LAKE, ID	2,366	2,366
SCHEDULING RESERVOIR OPERATIONS, ID	---	750 ~
ILLINOIS		
CALUMET HARBOR AND RIVER, IL and IN	---	5,009 *
CARLYLE LAKE, IL	14,360	9,560
CHICAGO HARBOR, IL	---	16,823 *
CHICAGO RIVER, IL	635	635
CHICAGO SANITARY AND SHIP CANAL DISPERSAL BARRIERS, IL	12,948	3,000
FARM CREEK RESERVOIRS, IL	541	541
ILLINOIS WATERWAY (MVR PORTION), IL and IN	64,614	61,650
ILLINOIS WATERWAY (MVS PORTION), IL and IN	2,183	2,113
INSPECTION OF COMPLETED WORKS, IL	---	2,787 ~
KASKASKIA RIVER NAVIGATION, IL	4,383	2,620
LAKE MICHIGAN DIVERSION, IL	---	1,190 *
LAKE SHELBYVILLE, IL	17,965	11,140
MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVR PORTION), IL	80,667	81,287 *
MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVS PORTION), IL	34,951	31,382
PROJECT CONDITION SURVEYS, IL	---	103 *
REND LAKE, IL	12,797	11,222
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, IL	---	398 *
WAUKEGAN HARBOR, IL	---	11 *
INDIANA		
BROOKVILLE LAKE, IN	3,157	3,157
BURNS WATERWAY HARBOR, IN	---	1,561 *
CAGLES MILL LAKE, IN	1,335	1,335
CECIL M. HARDEN LAKE, IN	1,467	1,467
INDIANA HARBOR, IN	---	8,196 *
INSPECTION OF COMPLETED WORKS, IN	---	1,264 ~
J. EDWARD ROUSH LAKE, IN	2,051	2,051
MICHIGAN CITY HARBOR, IN	---	10 *
MISSISSINEWA LAKE, IN	1,915	1,915
MONROE LAKE, IN	1,479	1,479
PATOKA LAKE, IN	1,446	1,446

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
PROJECT CONDITION SURVEYS, IN	---	197 *
SALAMONIE LAKE, IN	3,282	3,282
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, IN	---	81 *
IOWA		
CORALVILLE LAKE, IA	6,170	4,945
INSPECTION OF COMPLETED WORKS, IA	---	1,202 ~
MISSOURI RIVER, SIOUX CITY TO THE MOUTH, IA, KS, MO and NE	47,406	15,034
PROJECT CONDITION SURVEYS, IA	---	2 *
RATHBUN LAKE, IA	3,254	3,254
RED ROCK DAM AND LAKE RED ROCK, IA	27,728	25,828
SAYLORVILLE LAKE, IA	19,500	10,400
KANSAS		
CLINTON LAKE, KS	2,763	2,763
COUNCIL GROVE LAKE, KS	1,925	1,925
EL DORADO LAKE, KS	675	675
ELK CITY LAKE, KS	1,310	1,235
FALL RIVER LAKE, KS	4,214	1,214
HILLSDALE LAKE, KS	1,089	1,089
INSPECTION OF COMPLETED WORKS, KS	---	2,132 ~
JOHN REDMOND DAM AND RESERVOIR, KS	1,764	1,764
KANOPOLIS LAKE, KS	1,974	1,974
MARION LAKE, KS	1,812	1,812
MELVERN LAKE, KS	2,667	2,667
MILFORD LAKE, KS	2,589	2,589
PEARSON-SKUBITZ BIG HILL LAKE, KS	1,247	1,247
PERRY LAKE, KS	3,069	3,069
POMONA LAKE, KS	2,951	2,951
SCHEDULING RESERVOIR OPERATIONS, KS	---	774 ~
TORONTO LAKE, KS	694	694
TUTTLE CREEK LAKE, KS	12,373	4,423
WILSON LAKE, KS	1,902	1,902
KENTUCKY		
BARKLEY DAM AND LAKE BARKLEY, KY and TN	19,522	19,522
BARREN RIVER LAKE, KY	3,228	3,228
BIG SANDY HARBOR, KY	---	1,977 *
BUCKHORN LAKE, KY	2,812	2,812
CARR CREEK LAKE, KY	2,220	2,220
CAVE RUN LAKE, KY	1,484	1,484
DEWEY LAKE, KY	2,096	2,096
ELVIS STAHR (HICKMAN) HARBOR, KY	---	935 *
FALLS OF THE OHIO NATIONAL WILDLIFE, KY and IN	63	63
FISHTRAP LAKE, KY	2,515	2,515
GRAYSON LAKE, KY	1,867	1,867
GREEN AND BARREN RIVERS, KY	2,776	2,776

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
GREEN RIVER LAKE, KY	3,643	3,643
INSPECTION OF COMPLETED WORKS, KY	---	1,192 ~
LAUREL RIVER LAKE, KY	5,891	5,891
MARTINS FORK LAKE, KY	1,443	1,443
MIDDLESBORO CUMBERLAND RIVER, KY	291	291
NOLIN LAKE, KY	3,647	3,647
OHIO RIVER LOCKS AND DAMS, KY, IL, IN and OH	55,307	55,307
OHIO RIVER OPEN CHANNEL WORK, KY, IL, IN and OH	7,563	7,563
PAINTSVILLE LAKE, KY	1,919	1,919
PROJECT CONDITION SURVEYS, KY	---	5 *
ROUGH RIVER LAKE, KY	4,541	4,541
TAYLORSVILLE LAKE, KY	1,503	1,503
WOLF CREEK DAM, LAKE CUMBERLAND, KY	17,476	11,476
YATESVILLE LAKE, KY	2,503	2,503

LOUISIANA

ATCHAFALAYA RIVER AND BAYOUS CHENE, BOEUF and BLACK, LA	---	14,230 *
BARATARIA BAY WATERWAY, LA	---	100 *
BAYOU BODCAU DAM AND RESERVOIR, LA	1,494	1,144
BAYOU LAFOURCHE AND LAFOURCHE JUMP WATERWAY, LA	---	285 *
BAYOU PIERRE, LA	33	33
BAYOU SEGNETTE WATERWAY, LA	---	25 *
BAYOU TECHE AND VERMILION RIVER, LA	---	50,030 *
BAYOU TECHE, LA	---	50 *
CADDO LAKE, LA	186	186
CALCASIEU RIVER AND PASS, LA	---	17,500 *
FRESHWATER BAYOU, LA	---	1,880 *
GULF INTRACOASTAL WATERWAY, LA	70,715	48,568
HOUMA NAVIGATION CANAL, LA	---	9,293 *
INSPECTION OF COMPLETED WORKS, LA	---	978 ~
J. BENNETT JOHNSTON WATERWAY, LA	27,764	27,364
LAKE PROVIDENCE HARBOR, LA	---	1,332 *
MADISON PARISH PORT, LA	---	208 *
MERMENTAU RIVER, LA	---	5,880 *
MISSISSIPPI RIVER OUTLETS AT VENICE, LA	---	12,615 *
MISSISSIPPI RIVER, BATON ROUGE TO THE GULF OF MEXICO, LA	---	126,000 *
PROJECT CONDITION SURVEYS, LA	---	51 *
REMOVAL OF AQUATIC GROWTH, LA	---	200 *
WALLACE LAKE, LA	318	158
WATERWAY FROM EMPIRE TO THE GULF, LA	---	10 *
WATERWAY FROM INTRACOASTAL WATERWAY TO BAYOU DULAC, LA	---	15 *

MAINE

DISPOSAL AREA MONITORING, ME	---	1,050 *
GEORGE'S RIVER, ME	---	75
INSPECTION OF COMPLETED WORKS, ME	---	121 ~
ISLE AU HAUT THOROUGHFARE, ME	---	100
PROJECT CONDITION SURVEYS, ME	---	1,100 *

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
SEARSPORT HARBOR, ME	---	5,850 *
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, ME	---	22 *
WELLS HARBOR, ME	---	4,296 *
MARYLAND		
BALTIMORE HARBOR AND CHANNELS (50 FOOT), MD	---	20,385 *
BALTIMORE HARBOR, MD (DRIFT REMOVAL)	---	720 *
CUMBERLAND, MD AND RIDGELEY, WV	219	219
INSPECTION OF COMPLETED WORKS, MD	---	89 ~
JENNINGS RANDOLPH LAKE, MD and WV	2,488	2,488
OCEAN CITY HARBOR AND INLET AND SINEPUXENT BAY, MD	---	510 *
POCOMOKE RIVER, MD	---	8
PROJECT CONDITION SURVEYS, MD	---	600 *
SCHEDULING RESERVOIR OPERATIONS, MD	---	123 ~
ST. PATRICK'S CREEK, MD	---	2,070
WICOMICO RIVER, MD	---	4,300 *
MASSACHUSETTS		
BARRE FALLS DAM, MA	823	823
BIRCH HILL DAM, MA	1,054	1,054
BUFFUMVILLE LAKE, MA	722	722
CAPE COD CANAL, MA	1,793	24,216 *
CHARLES RIVER NATURAL VALLEY STORAGE AREAS, MA	401	401
CONANT BROOK DAM, MA	371	371
EAST BRIMFIELD LAKE, MA	758	758
GREEN HARBOR, MA	---	2,749 *
HODGES VILLAGE DAM, MA	793	793
INSPECTION OF COMPLETED WORKS, MA	---	450 ~
KNIGHTVILLE DAM, MA	887	887
LITTLEVILLE LAKE, MA	821	821
MERRIMACK SPUR JETTY, MA	---	240
NEW BEDFORD HURRICANE BARRIER, MA	537	537
PLYMOUTH HARBOR, MA	---	6 *
PROJECT CONDITION SURVEYS, MA	---	1,250 *
TULLY LAKE, MA	984	984
WEST HILL DAM, MA	934	934
WESTVILLE LAKE, MA	752	752
MICHIGAN		
ALPENA HARBOR, MI	---	5 *
CHANNELS IN LAKE ST. CLAIR, MI	---	243 *
CHARLEVOIX HARBOR, MI	---	570 *
CHEBOYGAN HARBOR, MI	---	6 *
DETROIT RIVER, MI	---	7,645 *
GRAND HAVEN HARBOR AND GRAND RIVER, MI	---	3,934 *
HARBOR BEACH HARBOR, MI	---	1,320 *
HOLLAND HARBOR, MI	---	516 *

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
INSPECTION OF COMPLETED WORKS, MI	---	329 ~
INLAND ROUTE, MI	---	52 *
KAWKAWLIN DREDGING, MI	570	570
KEWEENAW WATERWAY, MI	10	1,279 *
LUDINGTON HARBOR, MI	---	1,007 *
MANISTEE HARBOR, MI	---	4,111 *
MANISTIQUE HARBOR, MI	---	1,332 *
MARQUETTE HARBOR, MI	---	5 *
MENOMINEE HARBOR, MI and WI	---	5 *
MONROE HARBOR, MI	---	1,137 *
MUSKEGON HARBOR, MI	---	1,711 *
ONTONAGON HARBOR, MI	---	1,136 *
PRESQUE ISLE HARBOR, MI	---	1,505 *
PROJECT CONDITION SURVEYS, MI	---	828 *
ROUGE RIVER, MI	---	1,133 *
SAGINAW RIVER, MI	---	3,844 *
SEBEWAING RIVER, MI	214	214
SOUTH HAVEN HARBOR, MI	---	1,500 *
ST. CLAIR RIVER, MI	---	1,653 *
ST. JOSEPH HARBOR, MI	---	1,068 *
ST. MARYS RIVER, MI	2,702	58,361 *
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, MI	---	2,217 *
WHITE LAKE HARBOR, MI	---	500 *
MINNESOTA		
BIG STONE LAKE AND WHETSTONE RIVER, MN and SD	318	318
DULUTH-SUPERIOR HARBOR, MN and WI	400	6,847 *
GRAND MARAIS HARBOR, MN	---	25 *
INSPECTION OF COMPLETED WORKS, MN	---	565 ~
LAC QUI PARLE LAKES, MINNESOTA RIVER, MN	1,150	1,150
MINNESOTA RIVER, MN	---	265 *
MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVP PORTION), MN	104,193	105,843 *
ORWELL LAKE, MN	565	565
PROJECT CONDITION SURVEYS, MN	---	104 *
RED LAKE RESERVOIR, MN	206	206
RESERVOIRS AT HEADWATERS OF MISSISSIPPI RIVER, MN	6,576	6,576
ST. PAUL SMALL BOAT HARBOR, MN	---	500
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, MN	---	428 *
TWO HARBORS, MN	---	31 *
MISSISSIPPI		
EAST FORK, TOMBIGBEE RIVER, MS	290	290
GULFPORT HARBOR, MS	---	9,536 *
INSPECTION OF COMPLETED WORKS, MS	---	103 ~
MOUTH OF YAZOO RIVER, MS	---	32 *
OKATIBBEE LAKE, MS	2,152	2,002
PASCAGOULA HARBOR, MS	---	6,287 *

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
PEARL RIVER, MS and LA	140	140
PROJECT CONDITION SURVEYS, MS	---	155 *
ROSEDALE HARBOR, MS	---	937 *
WATER/ENVIRONMENTAL CERTIFICATION, MS	---	40 *
YAZOO RIVER, MS	---	32 *
MISSOURI		
CARUTHERSVILLE HARBOR, MO	---	15 *
CLARENCE CANNON DAM AND MARK TWAIN LAKE, MO	11,301	11,276
CLEARWATER LAKE, MO	4,639	4,639
HARRY S. TRUMAN DAM AND RESERVOIR, MO	14,482	11,982
INSPECTION OF COMPLETED WORKS, MO	---	1,563 ~
LITTLE BLUE RIVER LAKES, MO	1,345	1,345
LONG BRANCH LAKE, MO	948	948
MISSISSIPPI RIVER BETWEEN THE OHIO AND MISSOURI RIVERS (REG WORKS), MO and IL	35,279	35,054
NEW MADRID COUNTY HARBOR, MO	---	10 *
NEW MADRID HARBOR, MO (MILE 889)	---	--- *
POMME DE TERRE LAKE, MO	4,704	4,704
PROJECT CONDITION SURVEYS, MO	---	5 *
SCHEDULING RESERVOIR OPERATIONS, MO	---	174
SMITHVILLE LAKE, MO	2,033	2,033
SOUTHEAST MISSOURI PORT, MISSISSIPPI RIVER, MO	---	9 *
STOCKTON LAKE, MO	5,817	5,817
TABLE ROCK LAKE, MO and AR	9,693	9,693
MONTANA		
FT PECK DAM AND LAKE, MT	6,017	6,017
INSPECTION OF COMPLETED WORKS, MT	---	191 ~
LIBBY DAM, MT	1,744	1,744
SCHEDULING RESERVOIR OPERATIONS, MT	---	130 ~
NEBRASKA		
GAVINS POINT DAM, LEWIS AND CLARK LAKE, NE and SD	10,093	9,993
HARLAN COUNTY LAKE, NE	9,151	9,151
INSPECTION OF COMPLETED WORKS, NE	---	785 ~
MISSOURI RIVER - KENSLERS BEND, NE TO SIOUX CITY, IA	117	117
PAPILLION CREEK AND TRIBUTARIES LAKES, NE	1,196	1,196
SALT CREEK AND TRIBUTARIES, NE	1,337	1,337
NEVADA		
INSPECTION OF COMPLETED WORKS, NV	---	50 ~
MARTIS CREEK LAKE, NV and CA	1,435	1,435
PINE AND MATHEWS CANYONS DAMS, NV	591	591



CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
NEW HAMPSHIRE		
BLACKWATER DAM, NH	865	865
EDWARD MACDOWELL LAKE, NH	826	826
FRANKLIN FALLS DAM, NH	890	890
HOPKINTON-EVERETT LAKES, NH	1,933	1,933
INSPECTION OF COMPLETED WORKS, NH	---	111 ~
OTTER BROOK LAKE, NH	1,204	1,204
PROJECT CONDITION SURVEYS, NH	---	350 *
SURRY MOUNTAIN LAKE, NH	1,253	1,253
NEW JERSEY		
BARNEGAT INLET, NJ	---	760 *
COLD SPRING INLET, NJ	---	300 *
DELAWARE RIVER AT CAMDEN, NJ	---	15 *
DELAWARE RIVER, PHILADELPHIA TO THE SEA, NJ, PA and DE	---	41,823 *
INSPECTION OF COMPLETED WORKS, NJ	---	382 ~
MANASQUAN RIVER, NJ	---	375 *
MAURICE RIVER, NJ	---	4,010 *
NEW JERSEY INTRACOASTAL WATERWAY, NJ	---	985 *
NEWARK BAY, HACKENSACK AND PASSAIC RIVERS, NJ	---	24,825 *
PASSAIC RIVER FLOOD WARNING SYSTEMS, NJ	600	600
PROJECT CONDITION SURVEYS, NJ	---	2,175 *
SALEM RIVER, NJ	---	100 *
SHARK RIVER, NJ	---	1,150 *
SHOAL HARBOR AND COMPTON CREEK, NJ	---	8,000
NEW MEXICO		
ABIQUIU DAM, NM	6,378	6,378
COCHITI LAKE, NM	2,962	2,962
CONCHAS LAKE, NM	3,808	3,808
GALISTEO DAM, NM	685	685
INSPECTION OF COMPLETED WORKS, NM	---	526 ~
JEMEZ CANYON DAM, NM	1,102	1,102
MIDDLE RIO GRANDE ENDANGERED SPECIES COLLABORATIVE PROGRAM, NM	1,994	1,994
SANTA ROSA DAM AND LAKE, NM	1,502	1,502
SCHEDULING RESERVOIR OPERATIONS, NM	---	270 ~
TWO RIVERS DAM, NM	937	937
UPPER RIO GRANDE WATER OPERATIONS MODEL, NM	1,006	1,006
NEW YORK		
ALMOND LAKE, NY	716	716
ARKPORT DAM, NY	559	559
BARCELONA HARBOR, NY	---	1,150
BAY RIDGE AND RED HOOK CHANNELS, NY	---	200 *
BLACK ROCK CHANNEL AND TONAWANDA HARBOR, NY	---	10,600 *

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
BRONX RIVER, NY	---	250 *
BROWN'S CREEK, NY	---	250
BUFFALO HARBOR, NY	---	20,908 *
BUTTERMILK CHANNEL, NY	---	10,525 *
CATTARAUGUS HARBOR, NY	---	1,000
DUNKIRK HARBOR, NY	---	5,930 *
EAST RIVER, NY	---	5 *
EAST ROCKAWAY INLET, NY	---	11,500 *
EAST SIDNEY LAKE, NY	712	712
FIRE ISLAND INLET TO JONES INLET, NY	---	25 *
FLUSHING BAY AND CREEK, NY	---	24,880 *
GREAT KILLS HARBOR, NY	---	100 *
HUDSON RIVER, NY (MAINT)	---	4,810 *
HUDSON RIVER, NY (O and C)	---	2,350 *
INSPECTION OF COMPLETED WORKS, NY	---	1,464 ~
JONES INLET, NY	---	19,025 *
LITTLE SODUS BAY HARBOR, NY	---	1,000 *
LONG ISLAND INTRACOASTAL WATERWAY, NY	---	8,500
MOUNT MORRIS DAM, NY	5,799	5,799
NEW YORK AND NEW JERSEY CHANNELS, NY	---	5 *
NEW YORK AND NEW JERSEY HARBOR, NY and NJ	---	51,105 *
NEW YORK HARBOR, NY	---	7,885 *
NEW YORK HARBOR, NY and NJ (DRIFT REMOVAL)	---	12,591 *
NEW YORK HARBOR, NY (PREVENTION OF OBSTRUCTIVE DEPOSITS)	---	2,059 *
OSWEGO HARBOR, NY	---	5,906 *
OSWEGO HARBOR, NY (WEST ARROWHEAD BREAKWATER)	---	(300)
PROJECT CONDITION SURVEYS, NY	---	2,468 *
ROCHESTER HARBOR, NY	---	5,010 *
RONDOUT HARBOR, NY	---	200 *
SOUTHERN NEW YORK FLOOD CONTROL PROJECTS, NY	980	980
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, NY	---	597 *
WHITNEY POINT LAKE, NY	832	832

NORTH CAROLINA

ATLANTIC INTRACOASTAL WATERWAY (AIWW), NC	5,950	5,950
B. EVERETT JORDAN DAM AND LAKE, NC	2,077	2,077
CAPE FEAR RIVER ABOVE WILMINGTON, NC	151	480 *
FALLS LAKE, NC	3,189	3,189
INSPECTION OF COMPLETED WORKS, NC	---	209 ~
LOCKWOODS FOLLY RIVER, NC	---	1,050
MANTEO (SHALLOWBAG) BAY, NC	---	2,296 *
MOREHEAD CITY HARBOR, NC	---	8,340 *
NEW RIVER INLET, NC	---	390 *
PROJECT CONDITION SURVEYS, NC	---	700 *
ROLLINSON CHANNEL, NC	---	1,700 *
SILVER LAKE HARBOR, NC	---	1,120 *
W. KERR SCOTT DAM AND RESERVOIR, NC	4,025	4,025
WILMINGTON HARBOR, NC	---	25,260 *

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
NORTH DAKOTA		
BOWMAN HALEY LAKE, ND	351	351
GARRISON DAM, LAKE SAKAKAWEA, ND	18,609	17,334
HOMME LAKE, ND	409	409
INSPECTION OF COMPLETED WORKS, ND	---	311 ~
LAKE ASHTABULA AND BALDHILL DAM, ND	1,689	1,689
PIPESTEM LAKE, ND	615	615
SCHEDULING RESERVOIR OPERATIONS, ND	---	128 ~
SOURIS RIVER, ND	381	381
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, ND	---	125 *
OHIO		
ALUM CREEK LAKE, OH	5,454	5,454
ASHTABULA HARBOR, OH	---	457 *
BERLIN LAKE, OH	3,554	3,554
CAESAR CREEK LAKE, OH	2,928	2,928
CLARENCE J. BROWN DAM AND RESERVOIR, OH	1,958	1,958
CLEVELAND HARBOR, OH	---	10,020 *
CONNEAUT HARBOR, OH	---	2,764 *
DEER CREEK LAKE, OH	2,057	2,057
DELAWARE LAKE, OH	4,364	4,364
DILLON LAKE, OH	3,335	3,335
FAIRPORT HARBOR, OH	---	3,880 *
HURON HARBOR, OH	---	8 *
INSPECTION OF COMPLETED WORKS, OH	---	984 ~
LORAIN HARBOR, OH	---	2,317 *
MASSILLON LOCAL PROTECTION PROJECT, OH	235	235
MICHAEL J. KIRWAN DAM AND RESERVOIR, OH	1,805	1,805
MOSQUITO CREEK LAKE, OH	4,610	4,610
MUSKINGUM RIVER LAKES, OH	24,813	24,813
NORTH BRANCH KOKOSING RIVER LAKE, OH	558	558
OHIO-MISSISSIPPI FLOOD CONTROL, OH	1,490	1,490
PAINT CREEK LAKE, OH	2,578	2,578
PROJECT CONDITION SURVEYS, OH	---	340 *
ROSEVILLE LOCAL PROTECTION PROJECT, OH	56	56
SANDUSKY HARBOR, OH	---	1,463 *
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, OH	---	230 *
TOLEDO HARBOR, OH	---	6,929 *
TOM JENKINS DAM, OH	984	984
VERMILION HARBOR, OH	---	5,700 *
WEST FORK OF MILL CREEK LAKE, OH	4,875	4,875
WILLIAM H. HARSHA LAKE, OH	2,221	2,221
OKLAHOMA		
ARCADIA LAKE, OK	525	525
BIRCH LAKE, OK	847	847
BROKEN BOW LAKE, OK	3,267	3,267

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
CANTON LAKE, OK	2,207	2,207
COPAN LAKE, OK	1,885	1,305
EUFAULA LAKE, OK	16,618	11,628
FORT GIBSON LAKE, OK	5,195	5,095
FORT SUPPLY LAKE, OK	1,163	1,163
GREAT SALT PLAINS LAKE, OK	454	454
HEYBURN LAKE, OK	817	817
HUGO LAKE, OK	1,896	1,876
HULAH LAKE, OK	1,908	1,728
INSPECTION OF COMPLETED WORKS, OK	---	310 ~
KAW LAKE, OK	2,833	2,583
KEYSTONE LAKE, OK	4,874	4,874
MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, OK	37,629	37,129
OOLOGAH LAKE, OK	5,221	4,121
OPTIMA LAKE, OK	198	198
PENSACOLA RESERVOIR, LAKE OF THE CHEROKEES, OK	163	163
PINE CREEK LAKE, OK	1,745	1,720
SARDIS LAKE, OK	1,556	1,556
SCHEDULING RESERVOIR OPERATIONS, OK	---	1,750 ~
SKIATOOK LAKE, OK	5,130	5,130
TENKILLER FERRY LAKE, OK	11,990	11,990
WAURIKA LAKE, OK	2,796	2,796
WISTER LAKE, OK	988	923

OREGON

APPLEGATE LAKE, OR	1,674	1,674
BLUE RIVER LAKE, OR	1,385	1,385
BONNEVILLE LOCK AND DAM, OR and WA	1,937	8,994 *
CHETCO RIVER, OR	---	654 *
COLE RIVERS HATCHERY, APPLEGATE LAKE, OR	---	207
COLE RIVERS HATCHERY, LOST CREEK LAKE, OR	---	1,612
COLUMBIA RIVER AT THE MOUTH, OR and WA	---	41,061 *
COOS BAY, OR	---	14,840 *
COOS BAY, OR (MAJOR MAINTENANCE)	---	(6,889)
COQUILLE RIVER, OR	---	619 *
COTTAGE GROVE LAKE, OR	2,415	2,415
COUGAR LAKE, OR	2,756	2,756
DEPOE BAY, OR	---	71 *
DETROIT LAKE, OR	1,720	1,720
DORENA LAKE, OR	3,326	3,326
ELK CREEK LAKE, OR	248	248
FALL CREEK LAKE, OR	2,423	2,423
FERN RIDGE LAKE, OR	2,939	2,939
GREEN PETER - FOSTER LAKES, OR	2,898	2,898
HILLS CREEK LAKE, OR	1,598	1,598
INSPECTION OF COMPLETED WORKS, OR	---	425 ~
JOHN DAY LOCK AND DAM, OR and WA	6,300	6,300
LOOKOUT POINT LAKE, OR	3,167	3,167
LOST CREEK LAKE, OR	4,810	4,810

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
MCNARY LOCK AND DAM, OR and WA	14,983	14,983
NEHALEM BAY, OR	---	--- *
PORT ORFORD, OR	---	459 *
PROJECT CONDITION SURVEYS, OR	---	477 *
ROGUE RIVER AT GOLD BEACH, OR	---	2,781 *
SCHEDULING RESERVOIR OPERATIONS, OR	---	104 ~
SIUSLAW RIVER, OR	---	1,049 *
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, OR	---	10,350 *
TILLAMOOK BAY & BAR, OR	---	172 *
UMPQUA RIVER, OR	---	1,183 *
WILLAMETTE RIVER AT WILLAMETTE FALLS, OR	80	80
WILLAMETTE RIVER BANK PROTECTION, OR	160	160
WILLOW CREEK LAKE, OR	1,189	1,189
YAQUINA BAY AND HARBOR, OR	---	4,572 *
PENNSYLVANIA		
ALLEGHENY RIVER, PA	9,064	9,064
ALVIN R. BUSH DAM, PA	782	782
AYLESWORTH CREEK LAKE, PA	312	312
BELTZVILLE LAKE, PA	1,886	1,886
BLUE MARSH LAKE, PA	4,734	4,734
CONEMAUGH RIVER LAKE, PA	1,677	1,677
COWANESQUE LAKE, PA	2,244	2,244
CROOKED CREEK LAKE, PA	2,348	2,348
CURWENSVILLE LAKE, PA	1,260	1,260
DELAWARE RIVER, PHILADELPHIA TO TRENTON, PA and NJ	---	13,710 *
EAST BRANCH CLARION RIVER LAKE, PA	2,013	2,013
ERIE HARBOR, PA	---	263 *
FOSTER J. SAYERS DAM, PA	1,837	1,837
FRANCIS E. WALTER DAM AND RESERVOIR, PA	1,225	1,225
GENERAL EDGAR JADWIN DAM AND RESERVOIR, PA	459	459
INSPECTION OF COMPLETED WORKS, PA	---	601 ~
JOHNSTOWN, PA	3,288	3,288
KINZUA DAM AND ALLEGHENY RESERVOIR, PA	2,362	2,362
LOYALHANNA LAKE, PA	5,308	5,308
MAHONING CREEK LAKE, PA	2,409	2,409
MONONGAHELA RIVER, PA AND WV	18,807	18,807
OHIO RIVER LOCKS AND DAMS, PA, OH and WV	76,654	76,654
OHIO RIVER OPEN CHANNEL WORK, PA, OH and WV	851	851
PROJECT CONDITION SURVEYS, PA	---	177 *
PROMPTON LAKE, PA	1,049	1,049
PUNXSUTAWNEY, PA	100	100
RAYSTOWN LAKE, PA	4,828	4,828
SCHEDULING RESERVOIR OPERATIONS, PA	---	82 ~
SCHUYLKILL RIVER, PA	---	100 *
SHENANGO RIVER LAKE, PA	3,675	3,675
STILLWATER LAKE, PA	481	481
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, PA	---	91 *
TIOGA-HAMMOND LAKES, PA	3,000	3,000

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
TIONESTA LAKE, PA	3,934	3,934
UNION CITY LAKE, PA	626	626
WOODCOCK CREEK LAKE, PA	1,381	1,381
YORK INDIAN ROCK DAM, PA	989	989
YOUGHIOGHENY RIVER LAKE, PA and MD	4,345	4,345
PUERTO RICO		
INSPECTION OF COMPLETED WORKS, PR	---	150 ~
PROJECT CONDITION SURVEYS, PR	---	100 *
SAN JUAN HARBOR, PR	---	3,940 *
RHODE ISLAND		
BLOCK ISLAND HARBOR OF REFUGE, RI	---	350 *
FOX POINT HURRICANE BARRIER, RI	704	929
GREAT SALT POND, BLOCK ISLAND, RI	---	350 *
INSPECTION OF COMPLETED WORKS, RI	---	49 ~
PROJECT CONDITION SURVEYS, RI	---	500 *
PROVIDENCE RIVER AND HARBOR, RI	---	38,600 *
WOONSOCKET LOCAL PROTECTION PROJECT, RI	543	668
SOUTH CAROLINA		
ATLANTIC INTRACOASTAL WATERWAY (AIWW), SC	4,315	4,315
CHARLESTON HARBOR, SC	---	9,145 *
COOPER RIVER, CHARLESTON HARBOR, SC	---	4,175 *
INSPECTION OF COMPLETED WORKS, SC	---	65 ~
PROJECT CONDITION SURVEYS, SC	---	875 *
SOUTH DAKOTA		
BIG BEND DAM AND LAKE SHARPE, SD	13,412	10,384
COLD BROOK LAKE, SD	386	386
COTTONWOOD SPRINGS LAKE, SD	257	257
FORT RANDALL DAM, LAKE FRANCIS CASE, SD	22,264	11,929
INSPECTION OF COMPLETED WORKS, SD	---	224 ~
LAKE TRAVERSE, SD and MN	687	687
OAHE DAM AND LAKE OAHE, SD	13,386	13,186
SCHEDULING RESERVOIR OPERATIONS, SD	---	158 ~
TENNESSEE		
CENTER HILL LAKE, TN	7,806	7,806
CHEATHAM LOCK AND DAM, TN	15,984	15,984
CORDELL HULL DAM AND RESERVOIR, TN	8,610	8,610
DALE HOLLOW LAKE, TN	8,292	8,292
J. PERCY PRIEST DAM AND RESERVOIR, TN	6,481	6,481
INSPECTION OF COMPLETED WORKS, TN	---	294 ~

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
NORTHWEST TENNESSEE REGIONAL HARBOR, TN	—	15 *
OLD HICKORY LOCK AND DAM, TN	11,870	11,870
PROJECT CONDITION SURVEYS, TN	—	5 *
TENNESSEE RIVER, TN	27,738	27,738
WOLF RIVER HARBOR, TN	—	655 *
TEXAS		
AQUILLA LAKE, TX	2,169	2,169
BARDWELL LAKE, TX	3,972	3,972
BELTON LAKE, TX	4,455	4,455
BENBROOK LAKE, TX	3,091	3,091
BRAZOS ISLAND HARBOR, TX	—	4,135 *
BUFFALO BAYOU AND TRIBUTARIES, TX	3,906	3,906
CANYON LAKE, TX	5,614	5,614
CEDAR BAYOU, TX	---	--- *
CHANNEL TO HARLINGEN, TX	---	1,100 *
CHANNEL TO PORT BOLIVAR, TX	---	600 *
CORPUS CHRISTI SHIP CHANNEL, TX	---	9,600 *
DENISON DAM, LAKE TEXOMA, TX	10,216	8,566
FERRELLS BRIDGE DAM - LAKE O' THE PINES, TX	3,708	3,708
FREEPORT HARBOR, TX	---	8,015 *
GALVESTON HARBOR AND CHANNEL, TX	---	7,175 *
GIWW, CHANNEL TO VICTORIA, TX	---	130 *
GRANGER LAKE, TX	2,628	2,628
GRAPEVINE LAKE, TX	2,607	2,607
GULF INTRACOASTAL WATERWAY, TX	29,250	29,250
GULF INTRACOASTAL WATERWAY, CHOCOLATE BAYOU, TX	---	50 *
HORDS CREEK LAKE, TX	1,712	1,712
HOUSTON SHIP CHANNEL, TX	—	25,250 *
HOUSTON SHIP CHANNEL (DMMP), TX	---	(1,500)
INSPECTION OF COMPLETED WORKS, TX	---	1,573 ~
JIM CHAPMAN LAKE, TX	2,307	2,307
JOE POOL LAKE, TX	6,748	6,748
LAKE KEMP, TX	261	261
LAVON LAKE, TX	3,699	3,699
LEWISVILLE DAM, TX	4,094	4,094
MATAGORDA SHIP CHANNEL, TX	—	4,255 *
NAVARRO MILLS LAKE, TX	2,871	2,871
NORTH SAN GABRIEL DAM AND LAKE GEORGETOWN, TX	2,703	2,703
O. C. FISHER DAM AND LAKE, TX	1,336	1,336
PAT MAYSE LAKE, TX	1,439	1,439
PROCTOR LAKE, TX	3,393	3,393
PROJECT CONDITION SURVEYS, TX	—	325 *
RAY ROBERTS LAKE, TX	1,570	1,570
SABINE - NECHES WATERWAY, TX	---	8,900 *
SAM RAYBURN DAM AND RESERVOIR, TX	7,448	7,448
SCHEDULING RESERVOIR OPERATIONS, TX	---	592 ~
SOMERVILLE LAKE, TX	3,352	3,352
STILLHOUSE HOLLOW DAM, TX	2,892	2,892



CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
TEXAS CITY SHIP CHANNEL, TX	—	5,500 *
TOWN BLUFF DAM, B. A. STEINHAGEN LAKE AND ROBERT DOUGLAS WILLIS HYDROPOWER PROJECT, TX	3,402	3,402
WACO LAKE, TX	3,961	3,961
WALLISVILLE LAKE, TX	2,946	2,946
WHITNEY LAKE, TX	7,090	7,090
WRIGHT PATMAN DAM AND LAKE, TX	5,664	5,664
UTAH		
INSPECTION OF COMPLETED WORKS, UT	—	40 ~
SCHEDULING RESERVOIR OPERATIONS, UT	—	410 ~
VERMONT		
BALL MOUNTAIN LAKE, VT	986	986
GORDONS LANDING, VT	—	250 *
INSPECTION OF COMPLETED WORKS, VT	—	9 ~
NORTH HARTLAND LAKE, VT	884	884
NORTH SPRINGFIELD LAKE, VT	949	949
TOWNSHEND LAKE, VT	988	988
UNION VILLAGE DAM, VT	817	817
VIRGIN ISLANDS		
INSPECTION OF COMPLETED WORKS, VI	—	36 ~
PROJECT CONDITION SURVEYS, VI	—	50 *
VIRGINIA		
ATLANTIC INTRACOASTAL WATERWAY - ALBEMARLE AND CHESAPEAKE CANAL ROUTE, VA	3,015	3,015
ATLANTIC INTRACOASTAL WATERWAY - DISMAL SWAMP CANAL ROUTE, VA	1,754	1,314
BENNETTS CREEK, VA	—	420 *
CHINCOTEAGUE INLET, VA	—	680 *
DAVIS CREEK, VA	—	265 *
GATHRIGHT DAM AND LAKE MOOMAW, VA	2,749	2,749
HAMPTON ROADS DRIFT REMOVAL, VA	—	2,632 *
HAMPTON ROADS, PREVENTION OF OBSTRUCTIVE DEPOSITS, VA	—	130 *
INSPECTION OF COMPLETED WORKS, VA	—	381 ~
JAMES RIVER CHANNEL, VA	—	8,025 *
JOHN H. KERR LAKE, VA and NC	12,131	12,131
JOHN W. FLANNAGAN DAM AND RESERVOIR, VA	7,864	7,864
LYNNHAVEN INLET, VA	—	425 *
NORFOLK HARBOR, VA	—	26,700 *
NORTH FORK OF POUND RIVER LAKE, VA	698	698
PHILPOTT LAKE, VA	4,833	4,833
PROJECT CONDITION SURVEYS, VA	—	1,229 *
RUDEE INLET, VA	—	580
WATER AND ENVIRONMENTAL CERTIFICATIONS, VA	—	200 *

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
YORK RIVER ENTRANCE CHANNEL, VA	—	300 *
WASHINGTON		
CHIEF JOSEPH DAM, WA	676	676
COLUMBIA AND LOWER WILLAMETTE RIVERS BELOW VANCOUVER, WA and PORTLAND, OR	—	56,665 *
COLUMBIA RIVER AT BAKER BAY, WA	—	849 *
COLUMBIA RIVER BETWEEN CHINOOK AND SAND ISLAND, WA	---	1,894 *
COLUMBIA RIVER BETWEEN VANCOUVER, WA AND THE DALLES, OR	—	1,117 *
EVERETT HARBOR AND SNOHOMISH RIVER, WA	—	2,513 *
GRAYS HARBOR, WA	—	18,851 *
HOWARD A. HANSON DAM, WA	9,065	9,065
ICE HARBOR LOCK AND DAM, WA	5,012	5,012
INSPECTION OF COMPLETED WORKS, WA	---	1,223 ~
LAKE WASHINGTON SHIP CANAL, WA	1,314	11,199 *
LITTLE GOOSE LOCK AND DAM, WA	3,133	3,133
LOWER GRANITE LOCK AND DAM, WA	3,559	3,559
LOWER MONUMENTAL LOCK AND DAM, WA	3,095	3,095
MILL CREEK LAKE, WA	2,849	2,849
MOUNT ST. HELENS SEDIMENT CONTROL, WA	918	918
MUD MOUNTAIN DAM, WA	13,409	13,409
PROJECT CONDITION SURVEYS, WA	---	810 *
PUGET SOUND AND TRIBUTARY WATERS, WA	---	1,276 *
QUILLAYUTE RIVER, WA	---	2,334 *
SEATTLE HARBOR, WA	---	378 *
SCHEDULING RESERVOIR OPERATIONS, WA	---	493 ~
STILLAGUAMISH RIVER, WA	299	299
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, WA	---	53 *
TACOMA-PUYALLUP RIVER, WA	364	364
THE DALLES LOCK AND DAM, WA and OR	4,033	4,033
WILLAPA RIVER AND HARBOR, WA	---	2,290 *
WEST VIRGINIA		
BEECH FORK LAKE, WV	1,534	1,534
BLUESTONE LAKE, WV	2,883	2,883
BURNSVILLE LAKE, WV	2,944	2,944
EAST LYNN LAKE, WV	3,098	3,098
ELKINS, WV	70	70
INSPECTION OF COMPLETED WORKS, WV	---	536 ~
KANAWHA RIVER LOCKS AND DAMS, WV	17,043	23,943
OHIO RIVER LOCKS AND DAMS, WV, KY and OH	57,656	57,656
OHIO RIVER OPEN CHANNEL WORK, WV, KY and OH	2,726	2,726
R. D. BAILEY LAKE, WV	2,760	2,760
STONEWALL JACKSON LAKE, WV	1,832	1,832
SUMMERSVILLE LAKE, WV	2,752	2,752
SUTTON LAKE, WV	3,609	3,609
TYGART LAKE, WV	2,351	2,351

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
WISCONSIN		
ASHLAND HARBOR, WI	---	1,020 *
EAU GALLE RIVER LAKE, WI	1,026	1,026
FOX RIVER, WI	3,444	3,444
GREEN BAY HARBOR, WI	---	3,101 *
INSPECTION OF COMPLETED WORKS, WI	---	45 ~
KENOSHA HARBOR, WI	---	730 *
KEWAUNEE HARBOR, WI	---	462 *
MANITOWOC HARBOR, WI	---	830 *
MILWAUKEE HARBOR, WI	---	3,112 *
PORT WING HARBOR, WI	---	25 *
PROJECT CONDITION SURVEYS, WI	---	359 *
STURGEON BAY HARBOR AND LAKE MICHIGAN SHIP CANAL, WI	18	629 *
SURVEILLANCE OF NORTHERN BOUNDARY WATERS, WI	---	408 *
TWO RIVERS HARBOR, WI	---	20
WYOMING		
INSPECTION OF COMPLETED WORKS, WY	---	70 ~
JACKSON HOLE LEVEES, WY	1,678	1,678
SCHEDULING RESERVOIR OPERATIONS, WY	---	112 ~
SUBTOTAL, PROJECTS LISTED UNDER STATES	2,337,681	3,795,547
REMAINING ITEMS		
ADDITIONAL FUNDING FOR ONGOING WORK		
NAVIGATION MAINTENANCE	---	21,000
DEEP-DRAFT HARBOR AND CHANNEL	---	344,630
DONOR AND ENERGY TRANSFER PORTS	---	50,000
INLAND WATERWAYS	---	34,558
SMALL, REMOTE, OR SUBSISTENCE NAVIGATION	---	45,000
OTHER AUTHORIZED PROJECT PURPOSES	---	28,000
AQUATIC NUISANCE CONTROL RESEARCH	100	20,700
ASSET MANAGEMENT/FACILITIES AND EQUIP MAINTENANCE (FEM)	---	2,000
CIVIL WORKS WATER MANAGEMENT SYSTEM (CWWMS)	8,000	8,000
COASTAL INLETS RESEARCH PROGRAM	100	12,050
COASTAL OCEAN DATA SYSTEMS (CODS) PROGRAM	2,500	8,500
CULTURAL RESOURCES	900	900
CYBERSECURITY	4,000	4,000
DREDGE MCFARLAND READY RESERVE	---	11,000 *
DREDGE WHEELER READY RESERVE	---	14,000 *
DREDGING DATA AND LOCK PERFORMANCE MONITORING SYSTEM	1,100	4,300
DREDGING OPERATIONS AND ENVIRONMENTAL RESEARCH (DOER) PROGRAM	5,000	5,000
DREDGING OPERATIONS TECHNICAL SUPPORT PROGRAM (DOTS)	100	6,950
EARTHQUAKE HAZARDS REDUCTION PROGRAM	100	300
ELECTRIC VEHICLE FLEET AND CHARGING INFRASTRUCTURE	8,000	8,000
ENGINEERING WITH NATURE	---	16,250
FACILITY PROTECTION	4,200	4,200

CORPS OF ENGINEERS - OPERATION AND MAINTENANCE  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST	FINAL BILL
FISH AND WILDLIFE OPERATION FISH HATCHERY REIMBURSEMENT	5,400	5,400
HARBOR MAINTENANCE FEE DATA COLLECTION	---	795 *
INLAND WATERWAY NAVIGATION CHARTS	4,000	4,800
INSPECTION OF COMPLETED FEDERAL FLOOD CONTROL PROJECTS	18,000	18,000
INSPECTION OF COMPLETED WORKS	32,500	--- ^
MONITORING OF COMPLETED NAVIGATION PROJECTS	100	10,000
NATIONAL COASTAL MAPPING PROGRAM	4,000	13,900
NATIONAL DAM SAFETY PROGRAM (PORTFOLIO RISK ASSESSMENT)	10,000	10,000
NATIONAL EMERGENCY PREPAREDNESS PROGRAM (NEPP)	5,500	5,500
NATIONAL (LEVEE) FLOOD INVENTORY	4,500	4,500
NATIONAL (MULTIPLE PROJECT) NATURAL RESOURCES MANAGEMENT	2,500	2,500
NATIONAL PORTFOLIO ASSESSMENT FOR REALLOCATIONS	600	600
OPTIMIZATION TOOLS FOR NAVIGATION	350	350
PERFORMANCE-BASED BUDGETING SUPPORT PROGRAM	---	2,500
RECREATION MANAGEMENT SUPPORT PROGRAM	1,000	1,000
REGIONAL SEDIMENT MANAGEMENT	100	6,700
RESPONSE TO CLIMATE CHANGE AT CORPS PROJECTS	6,000	6,000
REVIEW OF NON-FEDERAL ALTERATIONS OF CIVIL WORKS PROJECTS (SECTION 408)	10,000	10,000
SCHEDULING OF RESERVOIR OPERATIONS	8,500	--- ^
SOIL MOISTURE AND SNOWPACK MONITORING	5,000	---
STEWARDSHIP SUPPORT PROGRAM	900	900
SUSTAINABLE RIVERS PROGRAM (SRP)	500	5,000
VETERAN'S CURATION PROGRAM AND COLLECTIONS MANAGEMENT	6,500	6,500
WATERBORNE COMMERCE STATISTICS	4,670	4,670
WATER OPERATIONS TECHNICAL SUPPORT (WOTS)	500	5,500
SUBTOTAL, REMAINING ITEMS	165,220	774,453
TOTAL, OPERATION AND MAINTENANCE	2,502,901	4,570,000

\*Includes funds requested in other accounts.

^Funded under projects listed under states.

~Requested in remaining items.

*Updated Capabilities.* The agreement adjusts some project-specific allocations downward based on updated technical information from the Corps.

*Additional Funding for Ongoing Work.*—Of the additional funding provided in this account, the Corps shall allocate not less than \$7,500,000 to complete water control manual updates at projects identified on the comprehensive list developed by the Corps and referenced in this account under the headings “Water Control Manuals”, including in regions impacted by atmospheric rivers and where enhanced forecasting can improve water operations.

Of the additional funding provided in this account for other authorized project purposes, the Corps shall allocate not less than \$2,000,000 for efforts to combat invasive mussels at Corps-owned reservoirs.

When allocating the additional funding provided in this account, the Corps shall consider giving priority to the following:

1. ability to complete ongoing work maintaining authorized depths and widths of harbors and shipping channels (including small, remote, or subsistence harbors), including where contaminated sediments are present;
2. ability to address critical maintenance backlog;
3. presence of the U.S. Coast Guard;
4. extent to which the work will enhance national, regional, or local economic development, including domestic manufacturing capacity;
5. extent to which the work will promote job growth or international competitiveness;
6. number of jobs created directly by the funded activity;
7. ability to obligate the funds allocated within the calendar year;
8. ability to complete the project, separable element, project phase, or useful increment of work within the funds allocated;
9. ability to address hazardous barriers to navigation due to shallow channels;
10. dredging projects that would provide supplementary benefits to tributaries and waterways in close proximity to ongoing island replenishment projects;
11. risk of imminent failure or closure of the facility;
12. extent to which the work will promote recreation-based benefits, including those created by recreational boating;
13. improvements to federal breakwaters and jetties where additional work will improve the safety of navigation and stabilize infrastructure to prevent continued deterioration;
14. for harbor maintenance activities:
  - a. total tonnage handled;
  - b. total exports;
  - c. total imports;
  - d. dollar value of cargo handled;
  - e. energy infrastructure and national security needs served;

- f. designation as strategic seaports;
- g. maintenance of dredge disposal activities;
- h. lack of alternative means of freight movement;
- i. savings over alternative means of freight movement; and
- j. improvements to dredge disposal facilities that will result in long-term savings, including a reduction in regular maintenance costs.

*Aquatic Nuisance Control Research Program.*—The agreement provides \$8,000,000 to supplement activities related to harmful algal bloom research and control and directs the Corps to target freshwater ecosystems. There is awareness of the need to develop next generation ecological models to maintain inland and intracoastal waterways and the agreement provides \$5,600,000 for this purpose.

The agreement provides \$4,000,000 to establish the Harmful Algal Bloom Demonstration Program, as authorized by WRDA 2020, and the Corps is directed to provide to the Committees prior to the obligation of any funds for this purpose a briefing on how it will implement this program.

Additional funding recommended in this remaining item is to supplement and advance Corps activities to address HABs including: early detection, prevention, and management techniques and procedures to reduce the occurrence and impacts of harmful algal blooms in our nation's water resources; work with university partners to develop prediction, avoidance, and remediation measures focused on environmental triggers in riverine ecosystems; and to advance state-of-the-art Unmanned Aerial Systems based detection, monitoring, and mapping of invasive aquatic plant species in conjunction with university partners.

The agreement provides \$500,000 for the Corps, in partnership with other federal partners, to begin planning, design, initial engineering, and project management for construction of carp barriers in the Mississippi River Basin and the Tennessee-Tombigbee waterway.

*Asset Management/Facilities and Equipment Maintenance.* The agreement provides \$2,000,000 for research on novel approaches to repair and maintenance practices that will increase civil infrastructure intelligence and resilience. A review of the Corps inventory, in accordance with section 6002 of the WRRDA of 2014, should be completed with funds on hand. The Corps is directed to provide to the Committees not later than 60 days after enactment of this Act an interim progress report.

*Beneficial Use of Dredged Material.*—The agreement reiterates House direction.

*Coastal Inlets Research Program.*—The agreement includes additional funding for the Corps-led, multi-university effort to identify engineering frameworks to address coastal resilience needs: to develop adaptive pathways that lead to coastal resilience; that measure the coastal forces that lead to infrastructure damage and erosion during extreme storm events; and to improve coupling of terrestrial and coastal models. Additional funding is also provided for the Corps to continue work with the National Oceanic and Atmospheric Administration's National Water Center on protecting the nation's water resources.



*Dredging Operations Technical Support Program, Integrated Navigation Analysis and Systems Enhancements.*—The agreement provides additional funds in the remaining item Dredging Data and Lock Performance Monitoring System and in the remaining item Dredging Operations Technical Support Program to continue work.

*Dredging Operations Technical Support Program, Integrated Navigation Analysis and Visualization.*—Additional funding is included for the further development of the Integrated Navigation Analysis and Visualization platform related to the operation and maintenance of the U.S. Marine Transportation System.

*Electric Vehicle Fleet and Charging Infrastructure.*—The Corps is directed to provide to the Committees not later than 120 days after enactment of this Act a briefing on the status of this initiative.

*Emerging Harbor Projects.*—The agreement includes funding for individual projects defined as emerging harbor projects in section 210(f)(2) of the WRDA 1986 that exceeds the funding levels envisioned in sections 210(c)(3) and 210(d)(1)(B)(ii) of the WRDA 1986.

*Engineering With Nature.*—The agreement provides \$16,250,000 for the Engineering with Nature (EWN) initiative. Of the funding provided in this remaining item, up to \$5,000,000 is provided to employ nature-based tools and principles to support civil works flood control and ecosystem management planning objectives and operations in the Chesapeake Bay.

Funding under this line item is intended for EWN activities having a national or regional scope or that benefit the Corps' broader execution of its mission areas. It is not intended to replace or preclude the appropriate use of EWN practices at districts using project-specific funding or work performed across other Corps programs that might involve EWN.

Of the funding provided in this remaining item, \$5,000,000 is to support ongoing research and advance work with university partners to develop standards, design guidance, and testing protocols to improve and standardize nature-based and hybrid infrastructure solutions.

*Federal Breakwaters and Jetties.*—The agreement reiterates House direction.

*Flood and Earthquake Modeling.*—Additional funds are recommended in the Earthquake Hazards Reduction Program to develop a plan for leveraging existing knowledge related to potential seismic concerns relevant to levees.

*Forecast-Informed Reservoir Operations.*—The agreement reiterates Senate direction.

*Harmful Algal Bloom and Hypoxia Research and Control Act.*—The agreement reiterates House direction.

*Levee Safety.*—In fiscal year 2020, Congress provided \$15,000,000 to implement levee safety initiatives to meet the requirements under section 3016 of WRRDA. These funds are expected to be sufficient to complete Phase II activities. The Corps is directed to provide to the Committees not later than 90 days after enactment of this Act a briefing on its efforts to implement the National (Levee) Flood Inventory and Inspection of Completed Federal Flood Control Projects as well as a report detailing how it will comply with section 131 of WRDA 2020.



*Monitoring of Completed Navigation Projects, Fisheries.*—Within available funds for ongoing work, the Corps is directed to continue this research at not less than the fiscal year 2021 level.

*Monitoring of Completed Navigation Projects, Structural Health Monitoring.*—The agreement provides \$4,000,000 to support the structural health monitoring program.

*National Coastal Mapping Program.* The agreement includes \$5,000,000 for Arctic coastal mapping needs. Additionally, the agreement reiterates Senate direction on the notification requirement.

*Performance Based Budgeting Support Program.*—Of the funding provided for this remaining item, \$2,500,000 shall be used to support performance-based methods that enable robust budgeting of the hydropower program.

*Recreational Facilities.*—The agreement reiterates House direction.

*Regional Sediment Management.*—The agreement provides \$5,000,000 to continue Corps research and development into enhanced forecasting capabilities. Funds are also provided to support cooperative efforts between the Corps and academia to address compound flooding issues.

*Small, Remote, or Subsistence Harbors.* The agreement emphasizes the importance of ensuring that our country's small and low-use ports remain functional. The Corps is encouraged to consider expediting scheduled maintenance at small and low use ports that have experienced unexpected levels of deterioration since their last dredging.

*Tuttle Creek Lake, KS.*—The additional funding provided is for Water Injection Dredging efforts.

*Upper St. Anthony Falls, Minnesota.*—WRDA 2020 encouraged the Corps to continue to operate and maintain the Upper St. Anthony Falls Lock and Dam. The Corps is further reminded that the Upper St. Anthony Falls project remains an authorized federal project that requires routine maintenance and is eligible to compete for additional funding provided in this account.

*Water Control Manuals.*—The agreement reiterates House direction.

*Water Control Manuals, Section 7 Dams.*—The Corps is reminded that updates to water control manuals for non-Corps owned high hazard dams are eligible for additional funding provided in the agreement where: (1) the Corps has a responsibility for flood control operations under section 7 of the Flood Control Act of 1944; (2) the dam requires coordination of water releases with one or more other high-hazard dams for flood control purposes; and (3) the dam owner is actively investigating the feasibility of applying forecast-informed reservoir operations technology.

*Water Operations Technical Support (WOTS).*—The agreement provides \$5,000,000 in addition to the budget request to continue research into atmospheric rivers and for improved weather forecasting for Corps reservoir and waterway projects.

*Damage Repairs to Corps Projects.* The Administration is reminded that traditionally, funding for disaster response has been provided in supplemental appropriations legislation, including recently in 2018 (Public Law 115–123), 2019 (Public Law 116–20), and 2021 (Public Law 117–43 and Public Law 117–58) and that amounts necessary to address damages at Corps projects in response to natural disasters can be significant.

Accordingly, the agreement directs the Administration to fund repairs to projects damaged by natural disasters that were included in the fiscal year 2022 budget request with available previously appropriated emergency supplemental funds. The following table shows the project name and funding amount requested for each project:

**[INSERT TABLE]**

e

Insert 26a-c

h

CORPS OF ENGINEERS - DAMAGE REPAIRS  
(AMOUNTS IN THOUSANDS)

DAMAGE REPAIR  
FUNDING

ALABAMA

ALABAMA RIVER LAKES, AL	960
TENNESSEE - TOMBIGBEE WATERWAY (TTWW), AL & MS	1,710

ARKANSAS

BLUE MOUNTAIN LAKE, AR	130
BULL SHOALS LAKE, AR	100
DIERKS LAKE, AR	15
HELENA HARBOR, AR	525
NIMROD LAKE, AR	145
NORFORK LAKE, AR	275
OUACHITA AND BLACK RIVERS, AR and LA	2,540

FLORIDA

JIM WOODRUFF LOCK AND DAM, FL, AL and GA	480
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GEORGIA

BUFORD DAM AND LAKE SIDNEY LANIER, GA	960
WEST POINT DAM AND LAKE, GA and AL	50

ILLINOIS

CARLYLE LAKE, IL	4,800
ILLINOIS WATERWAY (MVR PORTION), IL and IN	2,964
ILLINOIS WATERWAY (MVS PORTION), IL and IN	70
KASKASKIA RIVER NAVIGATION, IL	1,763
LAKE SHELBYVILLE, IL	6,825
MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVR PORTION), IL	80
MISSISSIPPI RIVER BETWEEN MISSOURI RIVER AND MINNEAPOLIS (MVS PORTION), IL	3,569
REND LAKE, IL	1,575

IOWA

CORALVILLE LAKE, IA	1,225
MISSOURI RIVER, SIOUX CITY TO THE MOUTH, IA, KS, MO and NE	32,372
RED ROCK DAM AND LAKE RED ROCK, IA	1,900
SAYLORVILLE LAKE, IA	9,100

KANSAS

ELK CITY LAKE, KS	75
FALL RIVER LAKE, KS	3,000
TUTTLE CREEK LAKE, KS	9,250

CORPS OF ENGINEERS - DAMAGE REPAIRS  
(AMOUNTS IN THOUSANDS)

DAMAGE REPAIR  
FUNDING

KENTUCKY

WOLF CREEK DAM, LAKE CUMBERLAND, KY 6,000

LOUISIANA

ATCHAFALAYA RIVER AND BAYOUS CHENE, BOEUF and BLACK, LA 2,066  
 BARATARIA BAY WATERWAY, LA 6,100  
 BAYOU BODCAU DAM AND RESERVOIR, LA 350  
 BAYOU LAFOURCHE AND LAFOURCHE JUMP WATERWAY, LA 5,900  
 BAYOU TECHE, LA 1,100  
 CALCASIEU RIVER AND PASS, LA 3,000  
 FRESHWATER BAYOU, LA 1,754  
 GULF INTRACOASTAL WATERWAY, LA 22,147  
 HOUMA NAVIGATION CANAL, LA 3,300  
 J. BENNETT JOHNSTON WATERWAY, LA 400  
 MERMENAU RIVER, LA 5,000  
 MISSISSIPPI RIVER OUTLETS AT VENICE, LA 7,140  
 WALLACE LAKE, LA 160

MISSISSIPPI

OKATIBBEE LAKE, MS 150  
 ROSEDALE HARBOR, MS 750

MISSOURI

CARUTHERSVILLE HARBOR, MO 776  
 CLARENCE CANNON DAM AND MARK TWAIN LAKE, MO 25  
 HARRY S. TRUMAN DAM AND RESERVOIR, MO 2,500  
 MISSISSIPPI RIVER BETWEEN THE OHIO AND MISSOURI RIVERS (REG WORKS), MO  
 and IL 225  
 NEW MADRID COUNTY HARBOR, MO 510  
 NEW MADRID HARBOR, MO (MILE 889) 77  
 SOUTHEAST MISSOURI PORT, MISSISSIPPI RIVER, MO 225

NEBRASKA

GAVINS POINT DAM, LEWIS AND CLARK LAKE, NE and SD 100

NEW YORK

LITTLE SODUS BAY HARBOR, NY 6,900

NORTH CAROLINA

MANTEO (SHALLOWBAG) BAY, NC 1,000

NORTH DAKOTA

GARRISON DAM, LAKE SAKAKAWEA, ND 1,275

CORPS OF ENGINEERS - DAMAGE REPAIRS  
(AMOUNTS IN THOUSANDS)

DAMAGE REPAIR  
FUNDING

OKLAHOMA

COPAN LAKE, OK	580
EUFAULA LAKE, OK	4,990
FORT GIBSON LAKE, OK	100
HUGO LAKE, OK	20
HULAH LAKE, OK	180
KAW LAKE, OK	250
MCCLELLAN-KERR ARKANSAS RIVER NAVIGATION SYSTEM, OK	500
OOLOGAH LAKE, OK	1,100
PINE CREEK LAKE, OK	25
WISTER LAKE, OK	65

SOUTH DAKOTA

BIG BEND DAM AND LAKE SHARPE, SD	2,999
FORT RANDALL DAM, LAKE FRANCIS CASE, SD	10,335
OAHE DAM AND LAKE OAHE, SD	200

TENNESSEE

NORTHWEST TENNESSEE REGIONAL HARBOR, TN	525
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TEXAS

CEDAR BAYOU, TX	3,150
DENISON DAM, LAKE TEXOMA, TX	1,650

VIRGINIA

ATLANTIC INTRACOASTAL WATERWAY - DISMAL SWAMP CANAL ROUTE, VA	440
---	-----

TOTAL, DAMAGE REPAIRS

192,497

#### REGULATORY PROGRAM

The agreement includes \$212,000,000 for the Regulatory Program.  
*Permit Application Backlogs.*—The agreement reiterates House direction.

#### FORMERLY UTILIZED SITES REMEDIAL ACTION PROGRAM

The agreement includes \$300,000,000 for the Formerly Utilized Sites Remedial Action Program.

#### FLOOD CONTROL AND COASTAL EMERGENCIES

The agreement includes \$35,000,000 for Flood Control and Coastal Emergencies. As the nation experiences severe weather events more frequently, there is appreciation for the work the Corps undertakes with this funding. The Administration is reminded that traditionally, funding for disaster response has been provided in supplemental appropriations legislation, including recently in 2018 (Public Law 115–123), 2019 (Public Law 116–20), and 2021 (Public Law 117–43 and Public Law 117–58) and that amounts necessary to address damages at Corps projects in response to natural disasters can be significant. The Administration is again reminded that it has been deficient in providing to the Committee statutorily-required detailed estimates of damages to Corps projects as required by Public Law 115–123 and such reports shall be submitted to the Committees not later than 15 days after enactment of this Act and monthly thereafter.

#### EXPENSES

The agreement includes \$208,000,000 for Expenses.  
— Additional funds recommended in this account shall be used only to support implementation of the Corps' Civil Works program, including hiring additional full-time equivalents.

#### OFFICE OF THE ASSISTANT SECRETARY OF THE ARMY FOR CIVIL WORKS

The agreement includes \$5,000,000 for the Office of the Assistant Secretary of the Army for Civil Works. The agreement includes legislative language that restricts the availability of 25 percent of the funding provided in this account until such time as at least 95 percent of the additional funding provided in each account has been allocated to specific programs, projects, or activities. This restriction shall not affect the roles and responsibilities established in previous fiscal years of the Office of the Assistant Secretary of the Army for Civil Works, the Corps headquarters, the Corps field operating agencies, or any other executive branch agency.



A timely and accessible executive branch in the course of fulfilling its constitutional role in the appropriations process is essential. The requesting and receiving of basic, factual information, such as budget justification materials, is vital in order to maintain a transparent and open governing process. The agreement recognizes that some discussions internal to the executive branch are pre-decisional in nature and, therefore, not subject to disclosure. However, the access to facts, figures, and statistics that inform these decisions are not subject to this same sensitivity and are critical to the budget process. The Administration shall ensure timely and complete responses to these inquiries.

*Administrative Costs.*—To support additional transparency in project costs, the Secretary is directed to ensure that future budget requests specify the amount of anticipated administrative costs for individual projects.

#### WATER INFRASTRUCTURE FINANCE AND INNOVATION PROGRAM ACCOUNT

The agreement provides \$7,200,000 for the Water Infrastructure Finance and Innovation Program Account.

The agreement makes \$2,200,000 available to the Secretary for program development, administration, and oversight, including but not limited to publishing the final fee and program rules, criteria for project eligibility, and Notice of Funding Availability. The agreement includes \$5,000,000 for the financial assistance authorized by Water Infrastructure Finance and Innovation Act (Public Law 113–121) program. The fiscal year 2021 Act provided funds to publish the final fee and program rules and Notice of Funding Availability. The Administration is reminded that the publication of these rules is necessary to move forward with the program and is directed to expeditiously publish the rules.

GENERAL PROVISIONS—CORPS OF ENGINEERS—CIVIL  
(INCLUDING TRANSFER OF FUNDS)

The agreement includes a provision relating to reprogramming.

The agreement includes a provision regarding the allocation of funds.

The agreement includes a provision prohibiting the use of funds to carry out any contract that commits funds beyond the amounts appropriated for that program, project, or activity.

The agreement includes a provision funding transfers to the Fish and Wildlife Service.

The agreement includes a provision regarding certain dredged material disposal activities. The Corps is directed to brief the Committees not later than 90 days after enactment of this Act on dredged material disposal issues.

The agreement includes a provision regarding reallocations at a project.

The agreement includes a provision prohibiting the use of funds in this Act for reorganization of the Civil Works program. Nothing in this Act prohibits the Corps from contracting with the National Academy of Sciences to carry out the study authorized by section 1102 of the AWIA (Public Law 115–270).

The agreement includes a provision regarding eligibility for additional funding. Whether a project is eligible for funding under a particular provision of additional funding is a function of the technical details of the project; it is not a policy decision. The Chief of Engineers is the federal government's technical expert responsible for execution of the Civil Works program and for offering professional advice on its development. Therefore, the provision in this agreement clarifies that a project's eligibility for additional funding shall be solely the professional determination of the Chief of Engineers.

TITLE II—DEPARTMENT OF THE INTERIOR  
CENTRAL UTAH PROJECT  
CENTRAL UTAH PROJECT COMPLETION ACCOUNT

The agreement includes a total of \$23,000,000 for the Central Utah Project Completion Account, which includes \$16,450,000 for Central Utah Project construction, \$5,000,000 for transfer to the Utah Reclamation Mitigation and Conservation Account for use by the Utah Reclamation Mitigation and Conservation Commission, and \$1,550,000 for necessary expenses of the Secretary of the Interior.

BUREAU OF RECLAMATION

In lieu of all House and Senate direction regarding additional funding and the fiscal year 2022 work plan, the agreement includes direction under the heading "Additional Funding for Ongoing Work" in the Water and Related Resources account.

WATER AND RELATED RESOURCES  
(INCLUDING TRANSFERS OF FUNDS)

The agreement provides \$1,747,101,000 for Water and Related Resources.

The agreement for Water and Related Resources is shown in the following table:

[INSERT TABLE]

Insert 31a-j

WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
ARIZONA						
AK-CHIN INDIAN WATER RIGHTS SETTLEMENT ACT	---	19,433	19,433	---	19,433	19,433
COLORADO RIVER BASIN - CENTRAL ARIZONA PROJECT	20,957	648	21,605	20,957	648	21,605
COLORADO RIVER FRONT WORK AND LEVEE SYSTEM	2,303	---	2,303	2,303	---	2,303
SALT RIVER PROJECT	649	364	1,013	649	364	1,013
SAN CARLOS APACHE WATER SETTLEMENT	550	---	550	550	---	550
YUMA AREA PROJECTS	1,025	28,364	29,389	1,025	28,364	29,389
CALIFORNIA						
CACHUMA PROJECT	915	1,401	2,316	915	1,401	2,316
CENTRAL VALLEY PROJECT						
AMERICAN RIVER DIVISION	1,830	10,937	12,767	1,830	10,937	12,767
AUBURN-FOLSOM SOUTH UNIT	35	2,564	2,599	35	2,564	2,599
DELTA DIVISION	17,586	12,145	29,731	18,086	12,145	30,231
EAST TO WEST CONVEYANCE PROJECT (SIR TO DMC) APPRAISAL STUDY	---	---	---	(500)	---	(500)
EAST SIDE DIVISION	1,290	2,772	4,062	1,290	2,772	4,062
FRIANT DIVISION	1,375	3,761	5,136	1,375	3,761	5,136
SAN JOAQUIN RIVER RESTORATION	20,500	---	20,500	20,500	---	20,500
MISCELLANEOUS PROJECT PROGRAMS	21,694	370	22,064	21,694	370	22,064
REPLACEMENT, ADDITIONS, AND EXTRAORDINARY MAINTENANCE (RAX)	---	29,500	29,500	---	29,500	29,500
SACRAMENTO RIVER DIVISION	7,450	695	8,145	12,450	695	13,145
SACRAMENTO RIVER BASIN FLOOD PLAIN REACTIVATION	---	---	---	(5,000)	---	(5,000)
SAN FELIPE DIVISION	128	68	196	128	68	196
SAN JOAQUIN DIVISION	---	---	---	---	---	---
SHASTA DIVISION	494	11,190	11,684	494	11,190	11,684

WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
TRINITY RIVER DIVISION	10,361	5,230	15,591	10,361	5,230	15,591
WATER AND POWER OPERATIONS	2,251	10,843	13,094	2,251	10,843	13,094
WEST SAN JOAQUIN DIVISION, SAN LUIS UNIT	2,604	7,075	9,679	3,104	7,075	10,179
LOS BANOS CREEK APPRAISAL STUDY	---	---	---	(500)	---	(500)
ORLAND PROJECT	---	923	923	---	923	923
SALTON SEA RESEARCH PROJECT	2,000	---	2,000	2,546	---	2,546
SAN GABRIEL BASIN RESTORATION FUND	---	---	---	10,000	---	10,000
SOLANO PROJECT	1,162	2,535	3,697	1,162	2,535	3,697
VENTURA RIVER PROJECT	330	44	374	330	44	374
COLORADO						
ANIMAS-LA PLATA PROJECT	758	4,506	5,264	758	4,506	5,264
ARMEL UNIT, P-SMBP	15	434	449	15	434	449
COLLBRAN PROJECT	148	2,686	2,834	148	2,686	2,834
COLORADO-BIG THOMPSON PROJECT	265	15,092	15,357	265	15,092	15,357
FRUITGROWERS DAM PROJECT	67	133	200	67	133	200
FRYINGPAN-ARKANSAS PROJECT	76	8,880	8,956	76	8,880	8,956
FRYINGPAN-ARKANSAS, ARKANSAS VALLEY CONDUIT	10,050	---	10,050	10,050	---	10,050
GRAND VALLEY PROJECT	193	155	348	193	155	348
GRAND VALLEY UNIT, CRBSCP, TITLE II	64	1,755	1,819	64	1,755	1,819
LEADVILLE/ARKANSAS RIVER RECOVERY PROJECT	---	24,878	24,878	---	24,878	24,878
MANCOS PROJECT	93	258	351	93	258	351
NARROWS UNIT, P-SMBP	---	33	33	---	33	33
PARADOX VALLEY UNIT	771	2,967	3,738	771	2,967	3,738
PINE RIVER PROJECT	127	361	488	127	361	488
SAN LUIS VALLEY, CLOSED BASIN	100	2,950	3,050	100	2,950	3,050
SAN LUIS VALLEY PROJECT, CONEJOS DIVISION	10	20	30	10	20	30
UNCOMPAHGRE PROJECT	711	169	880	711	169	880

WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
UPPER COLO RIVER OPERATION PROGRAM	3,250	---	3,250	3,250	---	3,250
IDAHO						
BOISE AREA PROJECTS	2,753	2,964	5,717	2,753	2,964	5,717
COLUMBIA AND SNAKE RIVER SALMON RECOVERY PROJECT	18,000	---	18,000	18,000	---	18,000
LEWISTON ORCHARDS PROJECT	880	27	907	880	27	907
MINIDOKA AREA PROJECTS	2,654	4,557	7,211	2,654	4,557	7,211
PRESTON BENCH PROJECT	13	34	47	13	34	47
KANSAS						
ALMENA UNIT, P-SMBP	18	1,131	1,149	18	1,131	1,149
BOSTWICK DIVISION, P-SMBP	199	1,243	1,442	199	1,243	1,442
CEDAR BLUFF UNIT, P-SMBP	13	452	465	13	452	465
GLEN ELDER UNIT, P-SMBP	18	18,519	18,537	18	18,519	18,537
KANSAS RIVER AREA, P-SMBP	---	100	100	---	100	100
KIRWIN UNIT, P-SMBP	27	387	414	27	387	414
WEBSTER UNIT, P-SMBP	18	5,010	5,028	18	5,010	5,028
WICHITA, CHENEY DIVISION	39	398	437	39	398	437
WICHITA, EQUUS BEDS DIVISION	10	---	10	10	---	10
MONTANA						
CANYON FERRY UNIT, P-SMBP	188	8,012	8,200	188	8,012	8,200
EAST BENCH UNIT, P-SMBP	162	602	764	162	602	764
FORT PECK RESERVATION/DRY PRAIRIE	17,191	---	17,191	17,191	---	17,191
HELENA VALLEY UNIT, P-SMBP	52	200	252	52	200	252
HUNGRY HORSE PROJECT	---	1,673	1,673	---	1,673	1,673



WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
HUNTLEY PROJECT	38	24	62	38	24	62
LOWER MARIAS UNIT, P-SMBP	536	1,496	2,032	536	1,496	2,032
LOWER YELLOWSTONE PROJECT	905	22	927	905	22	927
MILK RIVER/ST MARY DIVERSION REHABILITATION PROJECT	400	1,202	1,602	400	1,202	1,602
MISSOURI BASIN UNIT, P-SMBP	1,015	157	1,172	1,015	157	1,172
ROCKY BOYS/NORTH CENTRAL MT RURAL WATER SYSTEM	13,504	---	13,504	13,504	---	13,504
SUN RIVER PROJECT	107	373	480	107	373	480
YELLOWTAIL UNIT, P-SMBP	105	9,875	9,980	105	9,875	9,980
NEBRASKA						
AINSWORTH UNIT, P-SMBP	33	109	142	33	109	142
FRENCHMAN-CAMBRIDGE DIVN, P-SMBP	174	2,411	2,585	174	2,411	2,585
MIRAGE FLATS PROJECT	24	102	126	24	102	126
NORTH LOUP DIVISION, P-SMBP	46	198	244	46	198	244
NEVADA						
LAHONTAN BASIN PROJECT	5,435	5,858	11,293	5,435	5,858	11,293
LAKE TAHOE REGIONAL DEVELOPMENT PROGRAM	115	---	115	115	---	115
LAKE MEAD/LAS VEGAS WASH PROGRAM	595	---	595	3,655	---	3,655
NEW MEXICO						
CARLSBAD PROJECT	2,794	6,946	9,740	2,794	6,946	9,740
EASTERN NEW MEXICO WATER SUPPLY-UTE RESERVOIR	7,790	---	7,790	17,400	---	17,400
MIDDLE RIO GRANDE PROJECT	20,100	10,530	30,630	20,100	10,530	30,630
RIO GRANDE PROJECT	2,391	6,709	9,100	2,391	6,709	9,100
RIO GRANDE PUEBLOS	1,050	---	1,050	1,050	---	1,050

WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
TUCUMCARI PROJECT	15	5	20	15	5	20
NORTH DAKOTA						
DICKINSON UNIT, P-SMBP	—	838	838	—	838	838
GARRISON DIVERSION UNIT, P-SMBP	24,568	14,891	39,459	24,568	14,891	39,459
HEART BUTTE UNIT, P-SMBP	82	1,271	1,353	82	1,271	1,353
OKLAHOMA						
ARBUCKLE PROJECT	39	243	282	39	243	282
McGEE CREEK PROJECT	20	904	924	20	904	924
MOUNTAIN PARK PROJECT	30	681	711	30	681	711
NORMAN PROJECT	76	289	365	76	289	365
WASHITA BASIN PROJECT	52	1,555	1,607	52	1,555	1,607
W. C. AUSTIN, ALTUS DAM	37	905	942	37	905	942
OREGON						
CROOKED RIVER PROJECT	314	499	813	314	499	813
DESCHUTES PROJECT	429	231	660	429	231	660
EASTERN OREGON PROJECTS	721	256	977	721	256	977
KLAMATH PROJECT	19,770	4,299	24,069	24,770	4,299	29,069
KLAMATH, SCADA ACQUISITION, OR	—	—	—	(5,000)	—	(5,000)
ROGUE RIVER, TALENT DIVISION	738	543	1,281	738	543	1,281
TUALATIN PROJECT	382	1,856	2,238	382	1,856	2,238
UMATILLA PROJECT	567	3,100	3,667	567	3,100	3,667

WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
SOUTH DAKOTA						
ANGOSTURA UNIT, P-SMBP	10	882	892	10	882	892
BELLE FOURCHE UNIT, P-SMBP	130	1,507	1,637	130	1,507	1,637
KEYHOLE UNIT, P-SMBP	190	586	776	190	586	776
LEWIS AND CLARK RURAL WATER SYSTEM, IA, MN, SD	9,220	—	9,220	21,914	—	21,914
MID-DAKOTA RURAL WATER PROJECT	—	13	13	—	13	13
MNI WICONI PROJECT	—	17,010	17,010	—	17,010	17,010
OAHE UNIT, P-SMBP	—	90	90	—	90	90
RAPID VALLEY PROJECT	—	86	86	—	86	86
RAPID VALLEY UNIT, P-SMBP	—	224	224	—	224	224
SHADEHILL UNIT, P-SMBP	119	715	834	119	715	834
TEXAS						
BALMORHEA PROJECT	4	—	4	4	—	4
CANADIAN RIVER PROJECT	42	82	124	42	82	124
LOWER RIO GRANDE WATER CONSERVATION PROJECT	911	—	911	1,709	—	1,709
ISLAND MAIN LATERAL CONCRETE LINING PROJECT	—	—	—	(798)	—	(798)
NUECES RIVER PROJECT	52	1,010	1,062	52	1,010	1,062
SAN ANGELO PROJECT	23	680	703	23	680	703
UTAH						
HYRUM PROJECT	109	260	369	109	260	369
MOON LAKE PROJECT	19	159	178	19	159	178
NEWTON PROJECT	56	132	188	56	132	188
OGDEN RIVER PROJECT	195	246	441	195	246	441
PROVO RIVER PROJECT	3,336	532	3,868	3,336	532	3,868

WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
SANPETE PROJECT	85	18	103	85	18	103
SCOFIELD PROJECT	344	153	497	344	153	497
STRAWBERRY VALLEY PROJECT	500	60	560	500	60	560
WEBER BASIN PROJECT	1,273	942	2,215	1,273	942	2,215
WEBER RIVER PROJECT	108	212	320	108	212	320
WASHINGTON						
COLUMBIA BASIN	7,270	20,715	27,985	7,770	20,715	28,485
ODESSA SUBAREA	(1,500)	---	(1,500)	(2,000)	---	(2,000)
WASHINGTON AREA PROJECTS	372	160	532	372	160	532
YAKIMA PROJECT	1,887	7,040	8,927	1,887	7,040	8,927
YAKIMA RIVER BASIN WATER ENHANCEMENT PROJECT	25,500	---	25,500	26,450	---	26,450
WAPATO IRRIGATION PROJECT, WA	(1,040)	---	(1,040)	(1,990)	---	(1,990)
WYOMING						
BOYSEN UNIT, P-SMBP	78	2,235	2,313	78	2,235	2,313
BUFFALO BILL DAM, DAM MODIFICATION, P-SMBP	9	5,941	5,950	9	5,941	5,950
KENDRICK PROJECT	79	3,841	3,920	79	3,841	3,920
NORTH PLATTE PROJECT	93	2,487	2,580	93	2,487	2,580
NORTH PLATTE AREA O/M, P-SMBP	121	6,787	6,908	121	6,787	6,908
OWL CREEK UNIT, P-SMBP	4	102	106	4	102	106
RIVERTON UNIT, P-SMBP	12	716	728	12	716	728
SHOSHONE PROJECT	34	1,293	1,327	34	1,293	1,327
SUBTOTAL, PROJECTS	333,604	416,742	750,346	382,762	416,742	799,504

WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
REGIONAL PROGRAMS						
ADDITIONAL FUNDING FOR ONGOING WORK:						
RURAL WATER	---	---	---	15,000	---	15,000
FISH PASSAGE AND FISH SCREENS	---	---	---	7,000	---	7,000
SACRAMENTO RIVER FISH SCREEN PROGRAM	---	---	---	(3,900)	---	(3,900)
UPPER YAKIMA BULL TROUT RESEARCH FACILITY, WA	---	---	---	(700)	---	(700)
WATER CONSERVATION AND DELIVERY	---	---	---	164,300	---	164,300
ENVIRONMENTAL RESTORATION OR COMPLIANCE	---	---	---	11,000	---	11,000
FACILITIES OPERATION, MAINTENANCE, AND REHABILITATION	---	---	---	---	3,000	3,000
AGING INFRASTRUCTURE	---	1,000	1,000	---	100	100
AQUATIC ECOSYSTEM RESTORATION PROGRAM	1,000	---	1,000	100	---	100
COLORADO RIVER COMPLIANCE ACTIVITIES	21,400	---	21,400	21,400	---	21,400
COLORADO RIVER BASIN SALINITY CONTROL PROJECT , TITLE I	---	17,574	17,574	---	17,574	17,574
COLORADO RIVER BASIN SALINITY CONTROL PROJECT, TITLE II, BASINWIDE	7,000	---	7,000	7,000	---	7,000
COLORADO RIVER STORAGE PROJECT (CRSP), SECTION 5	3,164	7,469	10,633	3,164	7,469	10,633
COLORADO RIVER STORAGE PROJECT (CRSP), SECTION 8	3,322	---	3,322	3,322	---	3,322
COLORADO RIVER WATER QUALITY IMPROVEMENT PROJECT	740	---	740	740	---	740
DAM SAFETY PROGRAM						
DEPARTMENT DAM SAFETY PROGRAM	---	1,300	1,300	---	1,300	1,300
INITIATE SAFETY OF DAMS CORRECTIVE ACTION	---	182,500	182,500	---	182,500	182,500
SAFETY EVALUATION OF EXISTING DAMS	---	23,284	23,284	---	23,284	23,284
ENDANGERED SPECIES RECOVERY IMPLEMENTATION PROGRAM						
ENDANGERED SPECIES RECOVERY IMPLEMENTATION PROGRAM (Bureauwide)	2,575	---	2,575	2,575	---	2,575
ENDANGERED SPECIES RECOVERY IMPLEMENTATION PROGRAM (Platte River)	4,950	---	4,950	4,950	---	4,950
ENDANGERED SPEC RECOVERY IMPL PROG (Upper Colo & San Juan Riv Basins)	5,700	---	5,700	5,700	---	5,700
ENVIRONMENTAL PROGRAM ADMINISTRATION	1,711	---	1,711	1,711	---	1,711
EXAM OF EXISTING STRUCTURES	---	12,727	12,727	---	12,727	12,727

WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
GENERAL PLANNING STUDIES	2,195	---	2,195	2,195	---	2,195
INDIAN WATER RIGHTS SETTLEMENT						
AAMODT LITIGATION	10,000	---	10,000	10,000	---	10,000
BLACKFEET INDIAN WATER RIGHTS SETTLEMENT	40,000	---	40,000	40,000	---	40,000
CROW TRIBE INDIAN WATER RIGHTS SETTLEMENT	12,772	---	12,772	12,772	---	12,772
NAVAJO-GALLUP WATER SUPPLY PROJECT	51,342	5,000	56,342	62,342	5,000	67,342
LAND RESOURCES MANAGEMENT PROGRAM	16,190	---	16,190	16,190	---	16,190
LOWER COLORADO RIVER OPERATIONS PROGRAM	45,218	---	45,218	45,218	---	45,218
MISCELLANEOUS FLOOD CONTROL OPERATIONS	---	971	971	---	971	971
NATIVE AMERICAN AFFAIRS PROGRAM	20,000	---	20,000	20,000	---	20,000
NEGOTIATION & ADMINISTRATION OF WATER MARKETING	2,219	---	2,219	2,219	---	2,219
OPERATION AND PROGRAM MANAGEMENT	836	3,264	4,100	836	3,264	4,100
POWER PROGRAM SERVICES	3,121	307	3,428	3,121	307	3,428
PUBLIC ACCESS AND SAFETY PROG	610	206	816	610	206	816
PUBLIC RISK/LAW ENFORCEMENT - SITE SECURITY	---	27,500	27,500	---	27,500	27,500
RECREATION & FISH & WILDLIFE PROGRAM ADMINISTRATION	5,508	---	5,508	5,508	---	5,508
RECLAMATION LAW ADMINISTRATION	1,131	---	1,131	1,131	---	1,131
RESEARCH AND DEVELOPMENT:						
DESALINATION AND WATER PURIFICATION PROGRAM	7,850	1,650	9,500	18,350	1,650	20,000
SCIENCE AND TECHNOLOGY PROGRAM	18,000	---	18,000	21,500	---	21,500
UNITED STATES/MEXICO BORDER ISSUES - TECHNICAL SUPPORT	80	---	80	80	---	80
EMERGENCY PLANNING & DISASTER RESPONSE PROGRAM	---	1,250	1,250	9,950	1,250	11,200
WATERSMART PROGRAM:						
WATERSMART GRANTS	15,000	---	15,000	45,500	---	45,500
WATER CONSERVATION FIELD SERVICES PROGRAM	2,318	---	2,318	2,318	---	2,318
COOPERATIVE WATERSHED MANAGEMENT	2,250	---	2,250	5,000	---	5,000
BASIN STUDIES	13,500	---	13,500	13,500	---	13,500
DROUGHT RESPONSES & COMPREHENSIVE DROUGHT PLANS	16,500	---	16,500	20,000	---	20,000
TITLE XVI WATER RECLAMATION & REUSE PROGRAM	4,500	---	4,500	53,193	---	53,193

WATER AND RELATED RESOURCES  
(AMOUNTS IN THOUSANDS)

	BUDGET REQUEST			FINAL BILL		
	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL	RESOURCES MANAGEMENT	FACILITIES OM&R	TOTAL
SUBTOTAL, REGIONAL PROGRAMS	342,702	286,002	628,704	659,495	288,102	947,597
TOTAL, WATER AND RELATED RESOURCES	676,306	702,744	1,379,050	1,042,257	704,844	1,747,101



*Additional Funding for Ongoing Work.*—The agreement includes funds above the budget request for Water and Related Resources studies, projects, and activities. This funding is for additional work that either was not included in the budget request or was inadequately budgeted. Priority in allocating these funds should be given to advance and complete ongoing work, including preconstruction activities and where environmental compliance has been completed; improve water supply reliability; improve water deliveries; enhance national, regional, or local economic development; promote job growth; advance tribal and nontribal water settlement studies and activities; or address critical backlog maintenance and rehabilitation activities.

Of the additional funding provided under the heading "Water Conservation and Delivery", \$117,250,000 shall be for water storage projects as authorized in section 4007 of the WIIN Act (Public Law 114-322).

Of the additional funding provided under the heading "Water Conservation and Delivery", \$25,000,000 shall be for implementing the Drought Contingency Plan in the Lower Colorado River Basin to create or conserve recurring Colorado River water that contributes to supplies in Lake Mead and other Colorado River water reservoirs in the Lower Colorado River Basin or projects to improve the long-term efficiency of operations in the Lower Colorado River Basin, consistent with the Secretary's obligations under the Colorado River Drought Contingency Plan Authorization Act (Public Law 116-14) and related agreements. None of these funds shall be used for the operation of the Yuma Desalting Plant and nothing in this section shall be construed as limiting existing or future opportunities to augment the water supplies of the Colorado River.

Of the additional funding provided under the heading "Water Conservation and Delivery", not less than \$5,000,000 shall be for construction activities related to projects found to be feasible by the Secretary and that are ready to initiate for the repair of critical Reclamation canals where operational conveyance capacity has been seriously impaired by factors such as age or land subsidence, especially those that would imminently jeopardize Reclamation's ability to meet water delivery obligations.

Of the additional funding provided under the heading "Environmental Restoration or Compliance", not less than \$10,000,000 shall be for activities authorized under sections 4001 and 4010 of the WIIN Act (Public Law 114-322) or as set forth in federal-state plans for restoring threatened and endangered fish species affected by the operation of Reclamation's water projects.

Of the additional funding provided under the heading "Fish Passage and Fish Screens", \$6,000,000 shall be for the Anadromous Fish Screen Program.

Reclamation is directed to provide to the Committees not later than 45 days after enactment of this Act a report delineating how these funds are to be distributed, in which phase the work is to be accomplished, and an explanation of the criteria and rankings used to justify each allocation.

Reclamation is reminded that the following activities are eligible to compete for funding under the appropriate heading: activities authorized under Indian Water Rights Settlements; aquifer recharging efforts to address the ongoing backlog of related projects; all authorized rural water projects, including those with

tribal components, those with non-tribal components, and those with both; conjunctive use projects and other projects to maximize groundwater storage and beneficial use; ongoing work, including preconstruction activities, on projects that provide new or existing water supplies through additional infrastructure; and activities authorized under section 206 of Public Law 113–235.

*Aquifer Recharge.*—Of the funds provided in this account above the budget request, \$18,000,000 shall be for Aquifer Storage and Recovery projects focused on ensuring sustainable water supply and protecting water quality of aquifers in the Great Plains Region with shared or multi-use aquifers, for municipal, agricultural irrigation, industrial, recreation, and domestic users.

*Boulder Canyon Project, Dam Fund.* The agreement reiterates Senate direction.

*Klamath Basin Project.* Reclamation is encouraged to continue collaborative agreements with state agencies to support ground water monitoring in the Klamath Basin. Further, Reclamation is directed to consider restoring agreements with Klamath Basin tribes to support surface monitoring efforts and to provide to the Committees not later than 90 days after enactment of this Act a briefing on the status of such agreements.

*Research and Development: Desalination and Water Purification Program.* Of the funding provided for this program, \$10,500,000 shall be for desalination projects as authorized in section 4009(a) of Public Law 114–322.

*Research and Development: Science and Technology Program: Airborne Snow Observatory Program.* The agreement provides an additional \$2,000,000 for this program, which advances snow and water supply forecasting.

*Research and Development: Science and Technology Program: Snow Modeling Data Processing.*—The agreement provides an additional \$1,500,000 to support Reclamation’s efforts to support the U.S. Department of Agriculture and National Oceanic and Atmospheric Administration efforts to improve real-time and derived snow water equivalent information such that it can be immediately used for water resources decision-making.

*Rural Water Projects.*—Reclamation is reminded that voluntary funding in excess of legally required cost shares for rural water projects is acceptable, but shall not be used by Reclamation as a criterion for allocating additional funding provided in this agreement or for budgeting in future years.

*Salton Sea.*—Reclamation is directed to provide to the Committees not later than 90 days after enactment of this Act a briefing on Reclamation’s plan for managing the air quality impacts of the estimated 8.75 square miles of lands it owns that will emerge from the receding Sea over the next decade.

*San Joaquin River Restoration.*—Permanent appropriations, newly available for the program in fiscal year 2020, should not supplant continued annual appropriations. Reclamation is encouraged to include adequate funding in future budget requests.

*Upper Rio Grande Basin Study.*—The agreement reiterates House and Senate direction.

*Verde River Basin.*—The agreement reiterates House direction.

*WaterSMART Program: Title XVI Water Reclamation & Reuse Program.*—Of the additional funding provided for this program, \$17,500,000 shall be for water recycling and reuse projects as authorized in section 4009(c) of Public Law 114–322.

CENTRAL VALLEY PROJECT RESTORATION FUND

The agreement provides \$56,499,000 for the Central Valley Project Restoration Fund.

CALIFORNIA BAY-DELTA RESTORATION  
(INCLUDING TRANSFERS OF FUNDS)

The agreement provides \$33,000,000 for the California Bay-Delta Restoration Program.

POLICY AND ADMINISTRATION

The agreement provides \$64,400,000 for Policy and Administration.

ADMINISTRATIVE PROVISION

The agreement includes a provision limiting Reclamation to purchase not more than thirty passenger vehicles for replacement only.

GENERAL PROVISIONS—DEPARTMENT OF THE INTERIOR

The agreement includes a provision outlining the circumstances under which the Bureau of Reclamation may reprogram funds.

The agreement includes a provision regarding the San Luis Unit and Kesterson Reservoir in California.

The agreement includes a provision regarding section 9504(e) of the Omnibus Public Land Management Act of 2009.

The agreement includes a provision regarding the CALFED Bay-Delta Authorization Act.

The agreement includes a provision regarding section 9106(g)(2) of the Omnibus Public Land Management Act of 2009.

The agreement includes a provision regarding the Reclamation States Emergency Drought Relief Act of 1991.

The agreement includes a provision regarding the Reclamation Projects Authorization and Adjustment Act of 1992.

The agreement includes a provision prohibiting the use of funds in this Act for certain activities.

### TITLE III—DEPARTMENT OF ENERGY

The agreement provides \$44,855,624,000 for the Department of Energy to fund programs in its primary mission areas of science, energy, environment, and national security.

#### CONGRESSIONAL DIRECTION

The Committees count on a timely and accessible executive branch in the course of fulfilling its constitutional role in the appropriations process. Requesting and receiving basic, factual information, including budget justification materials and responses to inquiries, is vital in order to ensure transparency and accountability. While some discussions internal to the executive branch may be pre-decisional in nature and therefore not subject to release, the Committees' access to the facts, figures, and statistics that inform the decisions of the executive branch are not subject to those same sensitivities. The Committees shall have ready and timely access to information from the Department, Federally Funded Research and Development Centers, and any recipient of funding from this Act. Further, the Committees appreciate the ability for open and direct communication with all recipients of funding from this Act, and the Department shall not interfere with such communication and shall not penalize recipients of funding from this Act for such communication.

#### REPROGRAMMING REQUIREMENTS

The agreement carries the Department's reprogramming authority in statute to ensure that the Department carries out its programs consistent with congressional direction. The Department shall, when possible, submit consolidated, cumulative notifications to the Committees.

*Definition.*—A reprogramming includes the reallocation of funds from one program, project, or activity to another within an appropriation. For construction projects, a reprogramming constitutes the reallocation of funds from one construction project to another project or a change of \$2,000,000 or 10 percent, whichever is less, in the scope of an approved project.

#### FINANCIAL REPORTING AND MANAGEMENT

The Department is still not in compliance with its statutory requirement to submit to Congress, at the time that the budget request is submitted, a future-years energy program that covers the fiscal year of the budget request and the four succeeding years, as directed in the fiscal year 2012 Act. In addition, the Department has an outstanding requirement to submit a plan to become fully compliant with this requirement. The Department is directed to provide these requirements not later than 30 days after enactment of this Act. The Department may not obligate more than 95 percent of amounts provided to the

Chief Financial Officer until the Department provides to the Committees a briefing on a plan to become fully compliant with this requirement.

*Working Capital Fund.*—The agreement reiterates House direction on this topic.

*Congressional Reporting Requirements.*—The Department is directed to provide quarterly updates to the Committees on this issue. Further, the Department is directed to provide all Congressionally required reports digitally in addition to traditional correspondence.

*SBIR and STTR Programs.*—The agreement reiterates House direction on this topic.

*Mortgaging Future-Year Awards.*—The agreement reiterates House direction on this topic.

*General Plant Projects.*—The agreement reiterates House direction on this topic.

*Competitive Procedures.*—The agreement reiterates House direction on this topic.

*Workforce Development.*—The agreement reiterates House direction on this topic.

#### CROSSCUTTING INITIATIVES

*Energy Storage.*—The Department is directed to carry out these activities in accordance with sections 3201 and 3202 of the Energy Act of 2020. The agreement provides not less than \$500,000,000 for energy storage, including not less than \$347,000,000 from the Office of Energy Efficiency and Renewable Energy (EERE), not less than \$120,000,000 from the Office of Electricity (OE), not less than \$5,000,000 from the Office of Fossil Energy and Carbon Management (FECM), not less than \$4,000,000 from the Office of Nuclear Energy (NE), and not less than \$24,000,000 from the Office of Science. The agreement reiterates Senate direction related to periodic updates on the Energy Storage Grand Challenge (ESGC) and ESGC roadmap.

*Critical Minerals.*—The agreement provides not less than \$167,000,000 for research, development, demonstration, and commercialization activities on the development of alternatives to, recycling of, and efficient production and use of critical minerals, including not less than \$100,000,000 from EERE, not less than \$50,000,000 from FECM, and not less than \$17,000,000 from the Office of Science.

*Industrial Decarbonization.*—The agreement provides not less than \$510,000,000 for industrial decarbonization activities, including not less than \$240,000,000 from EERE, not less than \$250,000,000 from FECM, and not less than \$20,000,000 from the Office of Science. The agreement provides not less than \$25,000,000 for low-carbon feedstocks in the steel, cement, concrete, and other heavy industrial sectors and not less than \$25,000,000 for clean heat alternatives for industrial processes.

*Grid Modernization.*—The agreement reiterates House and Senate direction on Grid Modernization and the Grid Modernization Lab Consortium.

*Carbon Dioxide Removal.*—The agreement provides not less than \$104,000,000 for research, development, and demonstration of carbon dioxide removal technologies, including not less than \$20,000,000 from EERE, not less than \$49,000,000 from FECM, and not less than \$35,000,000 from the

Office of Science. Within available funds for carbon dioxide removal, the agreement provides not less than \$75,000,000 for direct air capture. The Department is directed to coordinate these activities among EERE, FECM, and the Office of Science.

*Hydrogen Energy and Fuel Cell Coordination.*—The Department is directed to coordinate its efforts in hydrogen energy and fuel cell technologies across its various departments and offices in order to maximize the effectiveness of investments in hydrogen-related activities. This coordination shall include EERE, FECM, NE, OE, the Office of Science, and the Advanced Research Projects Agency–Energy.

*Harmful Algal Blooms.*—The agreement reiterates House direction on this topic.

*DOE and USDA Interagency Working Group.*—The agreement reiterates House direction on this topic.

*Landfill Emissions.*—The agreement reiterates House direction on this topic.

*COVID-19 Research Delays.*—The agreement reiterates House and Senate direction on this topic.

*Interagency Working Group on Coal and Power Plant Communities and Economic Revitalization.*—The Department is directed to include an itemization of funding for these activities in future budget requests.

*Sexual Harassment.*—The agreement reiterates Senate direction on this topic.

The agreement provides no direction on Equity and Justice.

The agreement provides no direction on the Civilian Climate Corps.



## ENERGY PROGRAMS

### ENERGY EFFICIENCY AND RENEWABLE ENERGY

The agreement provides \$3,200,000,000 for Energy Efficiency and Renewable Energy.

The agreement provides not less than \$10,000,000 for the Energy Transitions Initiative.

The agreement provides up to \$5,000,000 for university-led research in order to increase recycling rates for polyethylene plastics and develop conversion of waste polyethylene to more recyclable and biodegradable plastics.

The agreement provides \$10,000,000 for a consortium of universities in the United States that has established agreements with universities in Canada and Mexico to conduct research on a broad array of energy sources and topics.

### SUSTAINABLE TRANSPORTATION

The Vehicle Technologies, Bioenergy Technologies, and Hydrogen and Fuel Cell Technologies offices are directed to work closely with the Department of Agriculture and the private sector to develop common metrics to evaluate and compare the impact of the emerging clean hydrogen industry on the ethanol and biodiesel industries.

Within available funds, the agreement provides not less than \$30,000,000 to continue the SuperTruck III program.

*Vehicle Technologies.*—The agreement provides not less than \$200,000,000 for Battery and Electrification Technologies.

The agreement provides up to \$15,000,000 to advance energy efficiency and low emissions technologies for off-road application vehicles, including commercial, of which up to \$5,000,000 is for fluid power systems.

The agreement provides up to \$10,000,000 to support research and development relevant to two-stroke opposed-piston engines.

The agreement provides not less than \$80,000,000 for Technology Integration, previously called Outreach, Deployment, and Analysis. Within available funds, the agreement provides not less than \$50,000,000 for deployment through the Clean Cities program, including not less than \$30,000,000 for competitive grants.

The agreement provides not less than \$40,000,000 for Energy Efficient Mobility Systems.

The agreement provides not less than \$5,000,000 for electric vehicle workforce development activities and reiterates House direction on the related report and roadmap.

The agreement reiterates House direction on the assessment and briefing related to electric vehicle charging infrastructure in underserved or disadvantaged communities.

The agreement provides up to \$5,000,000 for research on direct injection, engine technology, and the use of dimethyl ether as fuel.



The agreement provides up to \$10,000,000 to address technical barriers to the increased use of natural gas vehicles, including for applications in on-road vehicles, off-road vehicles, maritime, or rail.

*Bioenergy Technologies.*—The agreement provides not less than \$42,000,000 for Feedstock Technologies and the Biomass Feedstock National User Facility.

The agreement provides not less than \$40,000,000 for advanced algal systems to sustain the investment in development of algal biofuels.

The agreement provides \$3,000,000 for research, at commercially relevant processing scales, into affordable wood chip fractionation technologies and other processing improvements relevant to biorefineries in order to enable economic production of cellulose nanomaterials and economic upgrading of hemicelluloses and lignin.

Within available funds for Conversion Technologies, the agreement provides not less than \$23,000,000 for the Agile BioFoundry, including not less than \$3,000,000 to continue developing methods and technologies to advance biological engineering, to support expanded focus on artificial intelligence and machine learning and software development, to improve the predictive design of organisms and pathways, to build tools accessible to the wider scientific community, and for the purchase of state-of-the-art instrumentation that will enable better and more expansive collaborations. Within available funds for Conversion Technologies, the agreement provides \$5,000,000 to demonstrate the use of and improve the efficiency of community-scale digesters with priority given for projects in states and tribal areas that have adopted statutory requirements for the diversion of a high percentage of food material from municipal waste streams.

The agreement provides up to \$5,000,000 for continued support of the development and testing of new domestic manufactured low-emission, high-efficiency, residential wood heaters that supply easily accessed and affordable renewable energy and have the potential to reduce the national costs associated with thermal energy.

*Hydrogen and Fuel Cell Technologies.*—The agreement provides \$157,500,000 for Hydrogen and Fuel Cell Technologies to maintain a diverse program which focuses on early-, mid-, and late-stage research and development and technology acceleration including market transformation.

The agreement provides not less than \$60,000,000 for technologies to advance hydrogen use for heavy-duty transportation and industrial applications.

The agreement provides \$2,500,000 for research that tightly couples advanced modeling, characterization, and controlled synthesis to elucidate the key mechanisms in this technology. This research should include participation by a university with demonstrated expertise with perovskite materials.

The agreement provides not less than \$15,000,000 to cost share the Office of Nuclear Energy hydrogen demonstration project, including for high temperature electrolysis research and development at a national laboratory. The agreement provides up to \$14,000,000 to support ongoing efforts for high- and low-temperature electrolyzer development.

The agreement provides not less than \$10,000,000 for solar fuels research and development.

The agreement provides not less than \$40,000,000 for System Development and Integration, including not less than \$10,000,000 for Safety, Codes, and Standards.

The agreement provides not less than \$45,000,000 for Hydrogen Technologies.

The Department shall continue research on novel onboard hydrogen tank systems, as well as trailer delivery systems to reduce costs of delivered hydrogen.

#### RENEWABLE ENERGY

*Solar Energy Technologies.*—The agreement provides not less than \$50,000,000 for Systems Integration and not less than \$75,000,000 for Photovoltaic Technologies.

The agreement provides not less than \$25,000,000 for additional investments in Cadmium Telluride to implement goals of a technology roadmap developed by the consortium. The agreement provides not less than \$25,000,000 for perovskites.

The agreement provides not less than \$20,000,000 for the Department to expand work to lower barriers to solar adoption for low-income households, renters, multifamily homes, and racially diverse communities.

The agreement provides not less than \$40,000,000 for Balance of System Soft Costs efforts focused on reducing the time and costs for planning, siting, permitting, inspecting, and interconnecting distributed and large-scale solar or storage projects through standardized requirements, online application systems, technical assistance, and grant awards to localities that voluntarily adopt the Solar Automated Permit Processing platform. Within available funds for Balance of Systems Soft Costs, \$5,000,000 is for the National Community Solar Partnership program.

*Wind Energy Technologies.*—The agreement provides not less than \$10,000,000 for distributed wind technologies.

The agreement provides not less than \$10,000,000 to support additional project development and pre-construction activities for offshore wind demonstration projects to help ensure success. The Department is directed to support innovative offshore wind demonstration projects to optimize their development, design, construction methods, testing plans, and economic value proposition. The Department is directed to support the advancement of innovative technologies for offshore wind development including freshwater, deep water, shallow water, and transitional depth installations.

The agreement provides up to \$6,000,000 for Centers of Excellence focused on offshore wind energy engineering, infrastructure, supply chain, transmission, and other pertinent issues required to support offshore wind in the United States.

The agreement provides direction related to advanced manufacturing of wind blades and components within Advanced Manufacturing.

The agreement provides up to \$5,000,000 for the Wind Energy Technologies Office and the Water Power Technologies Office to support university-led research projects related to resource characterization, site planning, feasibility assessments, community outreach, and planning for long-term environmental monitoring for applications of marine energy and floating offshore wind technologies to support sustainable offshore energy deployment and scalable aquaculture production.

The agreement provides up to \$30,000,000 for research and development that can lead to demonstration of onsite manufacturing of turbine system components to enable turbine construction with blade length greater than 75 meters.

The agreement provides not less than \$30,000,000 for the National Wind Technology Center and up to \$5,000,000 for research and operations of the Integrated Energy System at Scale.

The agreement provides not less than \$30,000,000 for the Department to prioritize early-stage research on materials and manufacturing methods and advanced components that will enable high quality wind resources to compete in the marketplace without the need for subsidies, and on activities that will accelerate fundamental offshore-specific research and development such as those that target technology and deployment challenges unique to U.S. waters.

*Water Power Technologies.*—The agreement provides not less than \$47,000,000 for Hydropower Technologies and not less than \$112,000,000 for Marine and Hydrokinetic Technologies.

The agreement provides \$5,000,000 to continue industry-led research, development, demonstration, and deployment efforts of innovative technologies for fish passage and invasive fish species removal at hydropower facilities, as well as analysis of hydrologic climate science and water basin data to understand the impact of climate change on hydropower.

The agreement provides up to \$10,000,000 for the purposes of sections 242 and 243 of the Energy Policy Act of 2005.

The agreement provides not less than \$24,000,000 for the Powering the Blue Economy initiative.

The agreement provides up to \$20,000,000 to address infrastructure needs at marine energy technology testing sites, including general plant projects, and to support for planning activities for the staged development of an ocean current test facility. The agreement provides up to \$5,000,000 for the Department to continue its support of operations at the Atlantic Marine Energy Center to accelerate the transition of wave and tidal energy technologies to market.

The agreement reiterates House and Senate direction on industry-led competitive solicitations to increase energy capture; foundational research activities led by universities and other research institutions affiliated with the National Marine Energy Centers; the continued development and construction of an open water, fully energetic, grid connected wave energy test facility; and the continuation of the Testing Expertise and Access for Marine Energy Research initiative.

The Department is directed to continue to coordinate with the U.S. Navy and other federal agencies on marine energy technology development for national security and other applications.

The agreement provides \$5,000,000 for the environmental analyses and engineering of potential run-of-river hydrokinetic facilities at two sites with high electricity costs and diesel use, as determined by the Secretary.

*Geothermal Technologies.*—The agreement provides up to \$75,000,000 for enhanced geothermal system demonstrations and next-generation geothermal demonstration projects in diverse geographic areas. The agreement provides not less than \$10,000,000 for research, development, and demonstration efforts relevant to super-hot rock geothermal technology. The agreement provides not less than \$17,000,000 for Low Temperature and Coproduced Resources. The Department is directed to continue its efforts to identify and characterize geothermal resources in areas with no obvious surface expressions.

*Renewable Energy Grid Integration.* The agreement includes a new control point and provides \$40,000,000 for activities to facilitate the integration of grid activities among renewable energy technologies. Further, within available funds, the agreement provides \$10,000,000 for development and demonstration of an “energyshed” management system that addresses a discrete geographic area in which renewable sources currently provide a large portion of electric energy needs, where grid capacity constraints result in curtailment of renewable generation, and with very substantial existing deployment of interactive smart meters. The “energyshed” design should achieve a high level of integration, resilience, and reliability among all energy uses, including both on-demand and long-time energy scales, transmission, and distribution of electricity.

#### ENERGY EFFICIENCY

*Advanced Manufacturing.*—The agreement provides \$25,000,000 for the Energy-Water Desalination Hub and provides up to \$10,000,000 to be used to issue a competitive solicitation for university and industry-led teams to improve the efficiency of industrial drying processes.

The agreement provides \$5,000,000 to expand the technical assistance provided for water and wastewater treatment and reiterates House direction on the related briefing. The Department is directed to summarize its efforts to work with key stakeholders in this area, including wastewater and drinking water providers, to maximize the investment of these dollars to high priority targets. The agreement provides \$20,000,000 for research and development on technologies to achieve energy efficiency of water and wastewater treatment plants, including the deployment of alternative energy sources, as appropriate.

The agreement provides \$10,000,000 for the development of advanced tooling for lightweight automotive components to lead the transition to electric vehicle and mobility solutions to meet the national urgency for market adoption.

The agreement provides up to \$20,000,000 to continue the development of additive manufacturing involving nanocellulosic feedstock materials made from forest products to overcome challenges to the cost and deployment of building, transportation, and energy technologies.

The Department is directed to further foster the partnership between the national laboratories, universities, and industry to use bio-based thermoplastics composites, such as micro- and nanocellulosic materials, and large-area 3-D printing to overcome challenges to the cost and deployment of building, transportation, and energy technologies.

The agreement provides up to \$20,000,000 for the Advanced Manufacturing Office to work in coordination with the Hydrogen and Fuel Cell Technologies Office to support high-impact activities for the development and deployment of hydrogen and fuel cell technologies, including on the economic use of low-carbon hydrogen for industrial processes.

The agreement provides \$25,000,000 for the Manufacturing Demonstration Facility (MDF) and the Carbon Fiber Technology Facility. Within available funds for MDF, the agreement provides \$5,000,000 for the development of processes for materials solutions.

The Department is directed to support activities for conversion and retooling of manufacturing industrial facilities to support the domestic auto industry and to retain American competitiveness in building the vehicles of the future.

The agreement provides \$20,000,000 for process-informed science, design, and engineering materials and devices in harsh environments, including nuclear environments, and to demonstrate integrated energy systems applied to decarbonized steel making and refractory materials, including net zero or high-temperature hydrogen-based decarbonization. The agreement provides \$10,000,000 for continued research for dynamic catalyst science coupled with data analytics.

The agreement provides not less than \$20,000,000 for electric vehicle battery manufacturing. The Department is directed to prioritize funding to partnerships and consortiums that include private industry, universities, and nonprofit organizations with expertise in electric vehicle manufacturing, electric vehicle workforce development, and regional innovation development.

The agreement provides \$10,000,000 for research, development, and demonstration activities that will enable U.S. manufacturers to increase the recovery, recycling, reuse, and remanufacturing of plastics, metals, electronic waste, and fibers.

The agreement provides no direction related to environmental product declarations.



The agreement provides up to \$20,000,000 for the Industrial Assessment Center (IAC) program and reiterates Senate direction. Within the funds provided for the IACs, the agreement provides up to \$4,000,000 for applied technical assistance and the purchase and pilot testing of innovative technology and reiterates Senate direction.

The agreement provides not less than \$13,000,000 to provide ongoing support for the Combined Heat and Power (CHP) Technical Assistance Partnerships (TAPs) and related CHP Technical Partnership activities, including not less than \$5,000,000 for the TAPs and not less than \$7,000,000 for related CHP activities. The Department is directed to collaborate with industry on the potential energy efficiency and energy security gains to be realized with district energy systems.

The agreement provides up to \$10,000,000 for the issuance of a competitive solicitation for industry-led teams to improve the efficiency and sustainability of metal extraction through artificial intelligence and machine learning, giving priority to gold and silver extraction activities.

The Department is directed to carry out activities in accordance with title VI of the Energy Act of 2020.

The agreement provides \$5,000,000 to support sustainable chemistry research and development.

The agreement provides \$4,000,000 to support additive manufacturing work on large wind blades that will allow for rapid prototyping, tooling, fabrication, and testing; \$7,000,000 for additive manufacturing of wind turbine components; and \$18,000,000 for advanced wind turbine blade manufacturing research, including additive composite tip technology, automation, and sustainability.

The agreement provides not less than \$7,000,000 to continue technology development to convert lithium chloride from geothermal brine into lithium hydroxide that will inform the design of a commercial-scale facility that will both extract lithium from geothermal brine and convert the lithium in geothermal brine into the lithium hydroxide.

The agreement provides \$5,000,000 to continue to develop and industrialize low-cost polymer infiltration processes for the fabrication of ceramic matrix composites for high-temperature components, giving priority to silicon carbide components.

The agreement provides not less than \$5,000,000 to apply the Office of Science's leadership computing facility expertise in machine learning to increase efficiencies in large scale, high rate, aerostructures manufacturing.

*Building Technologies.*—The agreement provides not less than \$55,000,000 for the Commercial Building Integration program for core research and development of more cost-effective integration techniques and technologies that could help the transition toward deep retrofits. The agreement provides not less than \$45,000,000 for Residential Building Integration (RBI) and reiterates Senate directions related to RBI.

The agreement provides not less than \$58,000,000 for Equipment and Building Standards, including not less than \$12,000,000 for Building Energy Codes.

The agreement provides not less than \$30,000,000 for Buildings-to-Grid integration research and development consistent with a transactive energy system and in coordination with the Office of Electricity's transactive energy systems program to accelerate grid-enabled buildings and reduce barriers to dynamic, responsive building energy use that can meet customers' needs and support a reliable electric grid.

The agreement provides up to \$30,000,000 for solid-state lighting. If the Secretary finds solid-state lighting technology eligible for the Twenty-First Century Lamp prize, specified under section 655 of the Energy Independence and Security Act of 2007, up to \$5,000,000 shall be made available to fund the prize or additional projects for solid-state lighting research and development.

The agreement provides up to \$5,000,000 for the establishment of a Heat Pump Consortium to integrate and deploy heat pump technologies in a joint industry partnership.

Significant research and development gaps remain to transition to lower-carbon and zero-carbon fuels in buildings. The Department is encouraged to continue to explore research and development that can advance systems and appliances, driven by delivered fuels including renewable fuels and hydrogen, to meet consumer demand for high efficiency and environmentally friendly products in residential and commercial building applications, including heat pumps with power generation and water heating, increased utilization of renewable fuels and hydrogen, appliance venting, hybrid fuel-fired and electrically-driven systems, distributed carbon capture, mitigation of behind-the-meter methane emissions, and on-site (micro) combined heat and power to include cooling and integration with renewables.

The agreement reiterates House direction on a briefing outlining the opportunities and challenges in deploying energy efficient building technologies to public buildings and buildings that host providers, such as food banks, serving community needs.

Within available funds for Emerging Technologies, the Department is encouraged to make funding available for Heating, Ventilation, and Air Conditioning (HVAC) and Refrigeration research, development and deployment, including heat pumps, heat pump water heaters, and boilers. The Department shall focus its efforts to address whole building energy performance and cost issues to inform efforts to advance beneficial electrification and greenhouse gas mitigation without compromising building energy performance.

The agreement provides up to \$50,000,000 for advanced HVAC and dehumidification manufacturing scale-up projects.

The agreement reiterates Senate direction related to the Grid-interactive Efficient Buildings (GEB) program.

*Federal Energy Management Program.*—The agreement reiterates House and Senate direction related to energy performance contracts management.

*Weatherization and Intergovernmental Program.*—Within available funds for the State Energy Program, the agreement provides \$500,000 for technical assistance to continue the Sustainable Wastewater Infrastructure of the Future Accelerator.

Within available funds for the Weatherization Assistance Program (WAP), the agreement provides \$3,000,000 to support community-scale weatherization and reiterates House direction for this activity.

The agreement provides \$1,000,000 be made available to WAP grant recipients that have previously worked with the Department via the Weatherization Innovation Pilot Program, for the purpose of developing and implementing state and regional programs to treat harmful substances, including vermiculite.

*Energy Future Grants.*—The agreement provides funds to support state-, local-, and tribal-level approaches to meeting energy needs at the local level, including through financial and technical assistance to eligible entities for energy system planning and analysis and conducting stakeholder engagement. Eligible entities shall include states, local governments, communities, U.S. territories, and tribes. The Department is directed to provide to the Committees not later than 30 days after enactment of this Act a briefing on its implementation plan for this program.

*Congressionally Directed Spending.* The agreement provides \$77,047,000 for the following list of projects that provide for research, development, and demonstration for Energy Efficiency and Renewable Energy activities or programs. Recipients are reminded that statutory cost sharing requirements may apply to these projects.



[INSERT TABLE]

Insert  $48a - b$

### Congressionally Directed Spending Energy Efficiency and Renewable Energy Projects

(Amounts in Thousands)

Project Name	Amount Provided
Accelerating Heat Pump Adoption by Lower-Income Households, AK	420
Asia-Pacific Microgrid Development and Training, HI	1,000
Blue Earth County's Energy Efficiency Project, MN	4,330
Built to Last Pilot Project, PA	2,100
Chicago Clean Energy Retrofits Program, IL	500
Cogency Power Solar Project, CO	5,000
Community of Hope Solar Parking Structure, NM	200
Cully Community Solar Pilot, OR	344
Derry Landfill Solar Project, NH	500
Development of an Electric Vehicle Associate's Degree Curriculum Standards and Educational Materials for Automotive Educators and Technicians Nationwide, WV	1,000
District Energy Construction, VT	5,166
Ductless Heat Pump Installation, OR	301
DWCPA Hydrokinetic Energy Harvester, MI	680
DWCPA Solar Energy Project, MI	200
Electric Future for America's Rural Mobility Stakeholders (E-FARMS), OR	1,500
Electrical Substation for Garrison Oak Business and Technology Park, DE	5,000
Energy Efficient Community Cross-Laminated Timber Demonstration Project/Wood-fiber Insulated Panels for Modular Construction and Retrofit Applications, ME	2,000
Energy Improvements for Rhode Island Schools, RI	5,000
Enhanced Biogas Collection and Energy Recovery Project, RI	2,900
Evanston Accessible Solar Program, IL	500
Expanding Solar Research and Generation for a Brighter Energy Future, VT	150
Fuel for Seniors: Energy Efficiency, CT	288
Grid Resilience and Equity in the Energy Transition, MA	995
Hanover LED Streetlight Conversion, NH	271
Heartland Green Energy and Manufacturing Valley Initiative, OH	500
Heat Recovery System, AK	659
Hybrid Solar Testing Platform for Cold Weather Climates, VT	4,000
Kauai North Shore Energy Resiliency Project, HI	1,000
Kivalina Biomass Reactor, AK	100
Klickitat Valley Health Central Utility Plant Modernization, WA	2,500
Makushin Geothermal Project, AK	2,500
Marquette Affordable Solar Clean Energy Planning Grant, MI	100
Microgrid Integration with Biomass Gasification as a Pathway to Hydrogen Production, NY	1,000
Municipal Building Upgrades, NY	303
New Jersey Green Hydrogen Demonstration Project, NJ	3,840
Newport Town Office Energy Improvements, NH	250
Northeast Kingdom Home Weatherization, VT	500
Off-Grid residential solar project on the Navajo Nation, NM	1,000
Overland Industrial park Solar Community Project, OH	1,500
Oyster River Resiliency Project, NH	1,150
Reducing Inequity in Access to Solar Power, DE	2,000
Rio Arriba County Energy Efficient Vehicle & Solar Charging Stations, NM	1,000
Salisbury Square Redevelopment: Achieving Home Affordability and Energy Resilience via a Microgrid, VT	750
San Juan College Clean Hydrogen Workforce Development Program, NM	500
San Juan College Electric Vehicle Technician Certification Program, NM	50

Solar Testbed, WV	1,900
Sustainable Energy in Schools and Public Buildings, VT	1,000
Tacoma Public Utilities EV charging program, WA	1,000
Thermal Energy Storage to Support Renewable Energy Deployment, VT	5,000
Twin Lakes Reservoir Floating Solar Study, OH	500
Updated Renewable Energy Development Feasibility Study by the Pueblo of Zia, NM	250
Utility Upgrades for the Bedford Landfill Solar Project, NH	500
Vermont Electrification and Clean Energy Deployment, VT	1,000
WMU Center for Interdisciplinary Research on Secure, Efficient and Sustainable Energy Technology, MI	350

CYBERSECURITY, ENERGY SECURITY, AND EMERGENCY RESPONSE

The agreement provides \$185,804,000 for Cybersecurity, Energy Security, and Emergency Response (CESER).

The Department is directed to include an itemization of funding levels below the control point in future budget requests. Given concerns about the longstanding lack of clarity on the Department's cyber research and development responsibilities, CESER is directed to coordinate with the Office of Electricity and relevant applied energy offices in clearly defining these program activities. The Department is directed to provide the Committees quarterly updates on these topics.

The agreement provides not less than \$2,000,000 for digital twin projects to enable essential collaborator participation and their integration into the effort.

The agreement provides up to \$20,000,000 for the Cyber Testing for Resilient Industrial Control System (CyTRICS) program.

*Risk Management Technology and Tools.*—The agreement provides up to \$10,000,000 for consequence-driven cyber-informed engineering and up to \$4,000,000 for university-based research and development of scalable cyber-physical platforms for resilient and secure electric power systems that are flexible, modular, self-healing, and autonomous. The agreement provides not less than \$5,000,000 to conduct a demonstration program of innovative technologies, such as technologies for monitoring vegetation management, to improve grid resiliency from wildfires. The agreement includes not less than \$2,000,000 to continue the establishment of a network of university-based, regional energy cybersecurity centers.

*Congressionally Directed Spending.* The agreement provides \$3,000,000 for the following list of projects that provide for research, development, and demonstration for CESER activities or programs. Recipients are reminded that statutory cost sharing requirements may apply to these projects.

[INSERT TABLE]

Insert 50a

**Congressionally Directed Spending Cybersecurity, Energy Security, and Emergency Response Projects**

(Amounts in Thousands)

Project Name	Amount Provided
Emerging Threat Information Sharing and Analysis Center, University of Arkansas Little Rock, AR	1,000
Oakland University Cybersecurity Center, MI	2,000

## ELECTRICITY

The agreement provides \$277,000,000 for Electricity. The Department is directed to include an itemization of funding levels below the control point in future budget requests. Given concerns about the longstanding lack of clarity on the Department's cyber research and development responsibilities, Electricity is directed to coordinate with the Office of Cybersecurity, Energy Security, and Emergency Response (CESER) and other relevant offices in clearly defining these program activities. The Department is expected to integrate cybersecurity, where relevant, throughout all of Electricity's research, development, demonstration, and deployment activities.

*Energy Delivery Grid Operations Technology.*—The agreement provides \$10,000,000 for the DarkNet project and \$5,000,000 to support research on silicon carbide semiconductors.

*Resilient Distribution Systems.*—The agreement provides up to \$10,000,000 for the COMMANDER National Test Bed.

The agreement reiterates House and Senate direction related to the integration of sensors into distribution systems, microgrid controllers and systems, and transactive energy concepts.

The agreement provides not less than \$10,000,000 for demonstration projects with the Grid Sensors and Sensor Analytics program. The agreement reiterates House and Senate direction on focus areas for these demonstration projects, including activities that may include post-weather or fire event assessments and activities utilizing utility data from advanced metering infrastructure.

The agreement reiterates Senate direction related to barriers impeding grid integration of distributed energy systems.

The agreement provides up to \$10,000,000 for coordinated research and development of microgrid-related technologies, with a focus on underserved and Indigenous communities.

*Energy Storage.*—The agreement provides not less than \$20,000,000 for a competitive pilot demonstration grant program, as authorized in section 3201 of the Energy Act of 2020, for energy storage projects that are U.S.-controlled, U.S.-made, and North American sourced and supplied. The Department is directed to include in this program large scale commercial development and deployment of long cycle life, lithium-grid scale batteries and their components.

The agreement provides \$5,000,000 for battery storage demonstration projects that are located in areas where grid capacity constraints result in curtailment of renewable generation; improve grid resilience for a public utility that is regularly affected by weather-related natural disasters; and provide rate reduction and renewable energy benefits to businesses, farms, and residents in economically-stressed rural areas. Direct storage from solar generation may also be incorporated.

*Cyber R&D.*—The agreement provides up to \$5,000,000 for university-based research and development of scalable cyber-physical platforms for resilient and secure electric power systems that are flexible, modular, self-healing, and autonomous, in coordination with CESER.

*Transformer Resilience and Advanced Components.*—The agreement provides up to \$5,000,000 for the Grid Research Integration and Demonstration Center and up to \$2,500,000 to further assess composite utility poles in controlled and field tests. The Department is directed to support research and development to advance safe and effective alternatives to SF6, including in circuit breakers, reclosers, sectionalizers, load break switches, switchgear, and gas insulated lines.

*Transmission Permitting and Technical Assistance.*—The agreement reiterates Senate direction on collaboration with relevant state entities to have access to grid, economic, and emissions modeling.

*Congressionally Directed Spending.* The agreement provides \$2,850,000 for the following list of projects that provide for research, development, and demonstration for Electricity activities or programs. Recipients are reminded that statutory cost sharing requirements may apply to these projects.



[INSERT TABLE]

Insert 53a

**Congressionally Directed Spending Electricity Projects**

(Amounts in Thousands)

Project Name	Amount Provided
Cuyahoga County Utility Microgrid Design Project, OH	300
Electrical transmission and distribution infrastructure for PUD No 1 of Lewis County, WA	2,500
Village of Old Brookville Village Hall expansion: 52 kW standby backup generator, NY	50

## NUCLEAR ENERGY

The agreement provides \$1,654,800,000 for Nuclear Energy.

The Department is directed to provide to the Committees a briefing and regular updates prior to any proposed contractual and engineering design changes for advanced reactor projects currently being funded. Further, the Department is directed to provide to the Committees not later than 90 days after enactment of this Act a detailed multi-year funding plan for the advanced reactor designs currently being pursued by the Department.

The agreement reiterates House direction related to a report on thorium molten-salt reactors.

*Nuclear Energy University Program (NEUP).*—Since 2009, the Department has allocated up to 20 percent of funds appropriated to Nuclear Energy research and development programs to fund university-led R&D and university infrastructure projects through an open, competitive solicitation process using formally certified peer reviewers. The agreement provides a separate control point to fund NEUP and other crosscutting program responsibilities (SBIR, STTR, and TCF) in order to provide greater transparency and flexibility for this program. The Department is directed to provide to the Committees prior to the obligation of these funds a detailed spending and execution plan for NEUP activities. The Department is directed to provide to the Committees not later 90 days after enactment of this Act and quarterly thereafter briefings on the implementation of NEUP. The Department is directed to provide to the Committees not later than 180 days after enactment of this Act, and prior to taking any actions, a briefing on proposals to address concerns and implement improvements recommended by the Nuclear Engineering Department Heads Organization. The agreement does not provide any funds to initiate the construction of new university nuclear reactors.

## NUCLEAR ENERGY ENABLING TECHNOLOGIES

The agreement provides \$3,000,000 to complete the preliminary engineering and design, contingent on Departmental approval, of a secure, separate, and shielded beamline at the NSLS II at Brookhaven National Laboratory to examine radioactive materials. This beamline shall complement and be compatible with irradiation tests and infrastructure for materials characterization and sample preparation at Idaho National Laboratory.

*Crosscutting Technology Development.*—The agreement provides \$5,000,000 to support and expand research collaborations, which may include a consortium, between research universities and national laboratories utilizing existing capabilities and infrastructure focused on the benefits, as well as vulnerabilities, of digital instrumentation for existing and future nuclear reactors, including the use of new approaches, such as predictive analytics, machine learning, and artificial intelligence, to improve reactor safety and performance and address cybersecurity issues. The agreement provides not less than \$5,000,000 to continue activities related to materials development, including through public-private partnerships.

to develop new materials the nuclear industry will need in the future. The agreement provides \$10,000,000 for integrated energy systems and \$3,000,000 for Nuclear Materials Discovery and Qualification. The agreement includes no direction on the Gateway for Accelerated Innovation in Nuclear (GAIN) program.

*Nuclear Science User Facilities.*—The agreement provides not less than \$10,000,000 for computational support.

*New Materials Development.*—The agreement provides funding for this activity in Crosscutting Technology Development.

#### FUEL CYCLE RESEARCH AND DEVELOPMENT

To support availability of high-assay low-enriched uranium (HALEU) and other advanced nuclear fuels, consistent with section 2001 of the Energy Act of 2020, the agreement includes \$72,000,000, including \$2,000,000 for Mining, Shipping, and Transportation; \$45,000,000 for Advanced Nuclear Fuel Availability; and not less than \$25,000,000 within Material Recovery and Waste Form Development.

*Advanced Nuclear Fuel Availability.*—The Department is directed to conduct these activities in a manner that will encourage, rather than discourage, the private sector commercialization of HALEU production. The fiscal year 2020 Act directed the Department to provide an evaluation on the anticipated demand for HALEU, the timing of that demand, and options for meeting that demand. Section 2001(b)(2) of the Energy Act of 2020 requires the Department to submit to Congress a report on a program to support the availability of HALEU for civilian domestic demonstration and commercial use. The Department is directed to submit these reports to the Committees not later than 30 days after enactment of this Act and not less than 60 days prior to the obligation of more than 90 percent of these funds.

*Material Recovery and Waste Form Development.*—The agreement provides not less than \$15,000,000 for EBR-II Processing for HALEU and \$10,000,000 to continue work on the ZIRCEX process.

*Accident Tolerant Fuels.*—The agreement provides not less than \$10,000,000 for further development of silicon carbide ceramic matrix composite fuel cladding for light water reactors. The agreement reiterates House and Senate direction regarding information and briefing requirements for the Accident Tolerant Fuels program.

*Triso Fuel and Graphite Qualification.*—The agreement provides up to \$10,000,000 to continue the transition of TRISO fuel to a multiple-producer market, ensuring that more than one industry source would be available to the commercial and government markets.

*Used Nuclear Fuel Disposition R&D.*—The agreement provides \$5,000,000 for advanced reactor used fuel disposition to address used fuel from TRISO-fueled and metal-fueled advanced reactors.

*Integrated Waste Management System.*—The Department is directed to continue site preparation activities at stranded sites, to evaluate the re-initiation of regional transport, and to undertake transportation coordination efforts.

#### REACTOR CONCEPTS RESEARCH AND DEVELOPMENT

*Advanced Small Modular Reactor R/D.*—The agreement provides \$150,000,000 for ongoing demonstration activities.

*Light Water Reactor Sustainability.*—The agreement provides not less than \$10,000,000 to support new or previously awarded hydrogen demonstration projects.

*Advanced Reactor Technologies.*—The agreement provides not less than \$13,000,000 for Advanced Reactor Concepts Industry Awards; up to \$5,000,000 for continued work on Supercritical Transformational Electric Power (STEP) research and development; and not less than \$25,000,000 for MW-scale reactor research and development, including not less than \$9,000,000 for MARVEL. The agreement provides up to \$5,000,000 for the research and development of advanced isotope separation processes for Molten Salt Reactors.

#### ADVANCED REACTOR DEMONSTRATION PROGRAM

The Department is directed to continue to ensure the program moves forward expeditiously and within original scope and budget. The Department is directed to continue to focus resources on partners capable of project delivery within five to seven years of award.

*National Reactor Innovation Center.*—The agreement provides up to \$48,000,000 for capital design and construction activities for demonstration reactor test bed preparation at Idaho National Laboratory supporting reactor demonstration activities. The Department shall submit a Construction Project Data Sheet for each such applicable project that is expected to exceed the minor construction threshold.

#### FOSSIL ENERGY AND CARBON MANAGEMENT

The agreement provides \$825,000,000 for Fossil Energy and Carbon Management.

Consistent with section 961(a)(3) of the Energy Policy Act of 2005, in carrying out the objectives described in subparagraphs (F) through (K) of paragraph (2) of section 961(a), the Secretary shall prioritize activities and strategies that have the potential to significantly reduce emissions for each technology relevant to the applicable objective and the international commitments of the United States.

The agreement provides no funds to plan, develop, implement, or pursue the consolidation or closure of any of the National Energy Technology Laboratory (NETL) sites.

The agreement provides not less than \$5,000,000 for integrated energy systems and \$500,000 to support feasibility and operational planning for large-scale biomass production for the purposes of bioenergy with carbon capture and storage.

The agreement provides \$10,000,000 for a laboratory demonstration project for carbon-neutral methanol synthesis from direct air capture and carbon-free hydrogen production.

*Solid Oxide Fuel Cell Systems & Hydrogen.*—The agreement provides not less than \$105,000,000 for the research, development, and demonstration of solid oxide fuel cell systems and hydrogen production, transport, storage, and use systems.

*National Carbon Capture Center.*—The agreement supports funding for the National Carbon Capture Center consistent with the cooperative agreement.

#### CCUS AND POWER SYSTEMS

The Department is directed to conduct CCUS activities, including front-end engineering and design studies, large pilot projects, and demonstration projects that capture and securely store commercial volumes of carbon dioxide from fossil energy power plants, industrial facilities, or directly from the air, consistent with the objectives of title IV of the Energy Act of 2020.

The Department is directed to establish a program to support research and development of novel, proof-of-principle carbon containment projects with the goal of finding and de-risking methods and locations to remove atmospheric carbon dioxide that are effective, safe, low cost, and scalable. The agreement provides up to \$50,000,000 to support work at multiple sites, including within significant basalt formations, to pursue research, development, and deployment of carbon containment technologies and proximate carbon dioxide capturing systems that also meet regional economic and ecological restoration policy goals such as catastrophic wildfire mitigation and job creation.

*Carbon Capture.*—The agreement provides up to \$50,000,000 to support front-end engineering and design studies, large pilot projects, and demonstration projects, including for the development of a first-of-its-kind carbon capture project at an existing natural gas combined cycle plant. The agreement provides not less than \$10,000,000 for research and optimization of carbon capture technologies at industrial facilities and not less than \$12,000,000 for research and optimization of carbon capture technologies for natural gas power systems. The agreement provides up to \$10,000,000 to assist communities in the design and construction of pilot-scale equipment and systems necessary to demonstrate carbon capture, utilization, and storage at waste to energy plants.

*Carbon Dioxide Removal.*—The agreement provides \$5,000,000 for a competitive solicitation for a study of the development of a direct air capture facility co-located with a geothermal energy resource. The agreement provides \$5,000,000 for research, development, and demonstration activities related to the indirect sequestration of carbon dioxide from ocean waters.

*Carbon Utilization.*—The agreement provides not less than \$8,000,000 for a competitive solicitation to conduct tests of technologies for carbon dioxide absorption integrated with algae systems for capturing and reusing or utilizing carbon dioxide to produce useful fuels and chemicals, giving priority for teams with university participants.

*Carbon Storage.*—The agreement provides not less than \$35,000,000 for CarbonSAFE and not less than \$20,000,000 for the Regional Carbon Sequestration Partnerships. The agreement includes no direction for Storage Infrastructure. The only direction for carbon containment technologies and proximate carbon dioxide capturing systems is located in the front matter of CCUS and Power Systems.

*Advanced Energy and Hydrogen Systems.*—The agreement provides not less than \$30,000,000 for Advanced Turbines to carry out research, development, and technology demonstration to improve the efficiency of gas turbines used in power generation systems, aviation, and other applications. The agreement provides up to \$50,000,000 for materials research and development. The Department is directed to support the development of ceramic matrix composite (CMC) materials in accordance with the CMC Manufacturing Roadmap and section 4005 of the Energy Act of 2020.

*Crosscutting Research.*—The agreement provides \$1,000,000 for research, development, and commercialization of value-added natural gas technologies consistent with Senate direction.

*Minerals Sustainability.*—The agreement provides not less than \$23,000,000 for research and development activities to develop advanced separation technologies for the extraction and recovery of rare earth elements and other critical materials from coal and coal byproducts, as well as mitigate any potential environmental and public health impacts of such activities. The Department is directed to continue the Carbon Ore, Rare Earths, and Critical Minerals (CORE-CM) Program. The agreement provides up to \$6,000,000 for the Department, in collaboration with the Department of Commerce and U.S. Geological Survey, to pilot a research and development project to enhance the security and stability of the rare earth element supply chain. Research shall include approaches to mining of domestic rare earth elements that are critical to U.S. technology development and manufacturing, as well as emphasize environmentally responsible mining practices.



*Supercritical Transformational Electric Power (STEP) Generation.*—The agreement supports efforts, consistent with the current cooperative agreement, to complete the necessary design and construction of the 10–MW pilot and to conduct the necessary testing for the facility. The Department is directed to brief the Committees prior to any change to scope or cost profile of the project. The agreement provides additional funds for competitively awarded research and development activities.

#### RESOURCE TECHNOLOGIES AND SUSTAINABILITY

The agreement provides not less than \$20,000,000 for Emissions Mitigation from Midstream Infrastructure, including \$5,000,000 to develop and demonstrate an easily implementable, maintainable, and low-cost integrated methane monitoring platform consistent with Senate direction.

The agreement provides not less than \$10,000,000 for Emissions Quantification from Natural Gas Infrastructure, including \$1,500,000 to accelerate development and deployment of high-temperature harsh-environment sensors, sensor packaging, and wireless sensor hardware for power generation.

The agreement provides not less than \$12,000,000 for Environmentally Prudent Development, including up to \$6,000,000 to continue the Risk Based Data Management System.

The agreement provides not less than \$20,000,000 for natural gas utilization, hydrogen, sustainable fuels, and chemicals. The agreement provides up to \$5,000,000 for a demonstration project focused on producing hydrogen from the processing of produced water and mineral substances and on transporting hydrogen using existing energy infrastructure.

The agreement provides \$10,000,000 for further research on multipronged approaches for characterizing the constituents of and managing the cleaning of water produced during the extraction of oil and natural gas, of which \$8,000,000 is available to partner with research universities engaged in the study of characterizing, cleaning, treating, and managing produced water and who are willing to engage through public private partnerships with the energy industry to develop and assess commercially viable technology to achieve the same.

The agreement provides \$10,000,000 for university research and field investigations in the Gulf of Mexico to confirm the nature, regional context, and hydrocarbon system behavior of gas hydrate deposits.

The agreement provides not less than \$19,000,000 for Unconventional Field Test Sites. The Department is directed to maintain robust efforts in enhanced recovery technologies.

#### NETL INFRASTRUCTURE

Within available funds for NETL Infrastructure, the Department is directed to prioritize funds for Joule, the Center for Artificial Intelligence and Machine Learning, site-wide upgrades for safety, and addressing and avoiding deferred maintenance. The agreement provides up to \$25,000,000 to establish a direct air capture facility.



*Congressionally Directed Spending.* The agreement provides \$20,199,000 for the following list of projects that provide for research, development, and demonstration for Fossil Energy and Carbon Management activities or programs. Recipients are reminded that statutory cost sharing requirements may apply to these projects.

~~[INSERT TABLE]~~

Insert 61a

**Congressionally Directed Spending Fossil Energy and Carbon Management Projects**

(Amounts in Thousands)

Project Name	Amount Provided
Coal Communities Regional Innovation Cluster, WV	4,000
Coal Mine Methane Solutions, CO	1,200
Emergency Backup Generator, AK	540
Enhanced Outcrop Methane Capture, CO	2,500
FEED Study for the implementation of a Carbon Capture and Sequestration System, LA	9,000
Mercer County Gas Line Extension, WV	2,959

#### NAVAL PETROLEUM AND OIL SHALE RESERVES

The agreement provides \$13,650,000 for the operation of the Naval Petroleum and Oil Shale Reserves.

#### STRATEGIC PETROLEUM RESERVE

The agreement includes \$219,000,000 for the Strategic Petroleum Reserve, of which \$22,000,000 is for the Northeast Gasoline Supply Reserve.

No funding is requested for the establishment of a new regional petroleum product reserve, and no funding is provided for this purpose. Further, the Department may not establish any new regional petroleum product reserves unless funding for such a proposed regional petroleum product reserve is explicitly requested in advance in an annual budget request and approved by Congress in an appropriations Act.

#### SPR PETROLEUM ACCOUNT

The agreement provides \$7,350,000 for the SPR Petroleum Account.

#### NORTHEAST HOME HEATING OIL RESERVE

The agreement provides \$6,500,000 for the Northeast Home Heating Oil Reserve.

#### ENERGY INFORMATION ADMINISTRATION

The agreement provides \$129,087,000 for the Energy Information Administration.

#### NON-DEFENSE ENVIRONMENTAL CLEANUP

The agreement provides \$333,863,000 for Non-Defense Environmental Cleanup.

*Small Sites.*—The agreement provides \$119,340,000 for Small Sites cleanup. Within this amount, \$21,340,000 is for the Energy Technology Engineering Center, \$11,000,000 is for Idaho National Laboratory, \$5,000,000 is to continue work at Lawrence Berkeley National Laboratory, \$67,000,000 is for Moab, and \$15,000,000 is for excess Office of Science facilities.

*Gaseous Diffusion Plants.*—The agreement provides \$121,203,000 for cleanup activities at the Gaseous Diffusion Plants, including an additional \$5,000,000 above the budget request for treatment and shipping of cylinders.

## URANIUM ENRICHMENT DECONTAMINATION AND DECOMMISSIONING FUND

The agreement provides \$860,000,000 for activities funded from the Uranium Enrichment Decontamination and Decommissioning Fund.

*Portsmouth Site.*—Within funds available for Pensions and Community and Regulatory Support, the agreement provides an additional \$500,000 above the budget request for the Department to establish a community liaison and to provide technical and regulatory assistance to the local community and surrounding counties. The agreement reiterates House direction on air and ground water monitoring and reporting, land use planning, and Committee briefings following additional environmental sampling.

## SCIENCE

The agreement provides \$7,475,000,000 for Science.

The agreement provides not less than \$120,000,000 for Artificial Intelligence and Machine Learning capabilities across the Office of Science programs.

The agreement provides not less than \$2,000,000 for collaboration with the National Institutes of Health within the Department's data and computational mission space.

The agreement provides not less than \$245,000,000 for quantum information science, including not less than \$120,000,000 for research and \$125,000,000 for the five National Quantum Information Science Research Centers.

The agreement reiterates House direction on traineeships.

The Department is directed to provide to the Committees not later than 90 days after enactment of this Act and annually thereafter briefings on implementation of the new workforce initiative.

The Department is directed to award up to 10 Lawrence Awards with an honorarium of not less than \$20,000 per awardee.

## ADVANCED SCIENTIFIC COMPUTING RESEARCH

The agreement provides not less than \$160,000,000 for the Argonne Leadership Computing Facility, \$250,000,000 for the Oak Ridge Leadership Computing Facility, not less than \$120,000,000 for the National Energy Research Scientific Computing Center at Lawrence Berkeley National Laboratory, and not less than \$90,000,000 for ESnet.

The agreement provides not less than \$260,000,000 for Mathematical, Computational, and Computer Sciences Research, including not less than \$15,000,000 for computational sciences workforce programs.

The agreement provides not less than \$15,000,000 and up to \$40,000,000 for the development of AI-optimized emerging memory technology for AI-specialized hardware allowing for new computing capabilities tailored to the demands of artificial intelligence systems.

#### BASIC ENERGY SCIENCES

The agreement provides not less than \$130,000,000 for the Energy Frontier Research Centers, \$25,000,000 for EPSCoR, \$25,000,000 for the Batteries and Energy Storage Innovation Hub, and not less than \$20,000,000 for the Fuels from Sunlight Innovation Hub.

The agreement provides not less than \$538,000,000 for facilities operations of the nation's light sources, not less than \$294,000,000 for facilities operations of the high-flux neutron sources, and not less than \$142,000,000 for facilities operations and recapitalization of the Nanoscale Science Research Centers (NSRC).

The agreement provides not less than \$14,300,000 for other project costs, including \$4,300,000 for Linac Coherent Light Source-II, \$5,000,000 for Advanced Photon Source Upgrade, \$3,000,000 for Linac Coherent Light Source-II HE, and \$2,000,000 for Cryomodule Repair & Maintenance Facility. The agreement provides \$15,000,000 for NSRC Recapitalization and not less than \$15,000,000 for NSLS II Experimental Tools-II. The agreement reiterates House and Senate direction regarding the importance of additional beamlines at NSLS II and the development of a related plan.

#### BIOLOGICAL AND ENVIRONMENTAL RESEARCH

The agreement provides not less than \$395,000,000 for Biological Systems Science and not less than \$410,000,000 for Earth and Environmental Systems Sciences.

Within available funds, the agreement provides up to \$8,000,000 to develop and test novel sensor technologies, procure second generation EcoPOD units, and create the computational and experimental infrastructures necessary to dissect field observations at atomic and molecular levels in fabricated ecosystems.

The agreement provides not less than \$100,000,000 for the Bioenergy Research Centers.

The agreement provides not less than \$109,000,000 for Foundational Genomics Research and not less than \$82,500,000 for the Joint Genome Institute.

The agreement provides not less than \$45,000,000 for Biomolecular Characterization and Imaging Science, including up to \$15,000,000 to continue the development of a multi-scale genes-to ecosystems approach that supports a predictive understanding of gene functions and how they scale with complex biological and environmental systems.

The agreement provides not less than \$8,000,000 for the low-dose radiation research program and reiterates House direction related to developing a plan for low-dose radiation research.

The agreement provides not less than \$15,000,000 and up to \$30,000,000 to build upon cloud aerosol effects research. Within those available funds, the Department is directed to support the modernization and acceleration of the Energy, Exascale, and Earth System Model program to improve earth system prediction and climate risk management in the service of U.S. public safety, security, and economic interests, including, in coordination with the Department of Homeland Security, evaluation of the modernization and adaptation of capabilities from the National Infrastructure Simulation and Analysis Center to support climate impacts on infrastructure and communities.

The agreement provides \$2,000,000 in funding for academia to examine and perform independent evaluations of climate models using existing data sets and peer-reviewed publications of climate-scale processes to validate various models' ability to reproduce the actual climate.

The agreement provides not less than \$105,000,000 for Environmental System Science. The Department is directed to continue to support NGEE Arctic, NGEE Tropics, the SPRUCE field site, the Watershed Function and Mercury Science Focus Areas, and the AmeriFLUX project.

The agreement provides not less than \$30,000,000 to continue the development of observational assets and support associated research on the nation's major land-water interfaces, including the Great Lakes and the Puget Sound, that leverages national laboratories' assets as well as local infrastructure and expertise at universities and other research institutions. The agreement reiterates House direction on developing a ten-year research plan.

The Department is directed to give priority to optimizing the operation of BER user facilities.

#### FUSION ENERGY SCIENCES

The Department is directed to follow and embrace the recommendations of the Fusion Energy Sciences Advisory Committee's "Powering the Future: Fusion and Plasmas" report; the agreement reiterates House direction on the related briefing.

The agreement provides not less than \$20,000,000 for the High-Energy-Density Laboratory Plasmas program to advance cutting-edge research in extreme states of matter; expand the capabilities of the LaserNetUS facilities; and provide initial investments in new intense, ultrafast laser technologies needed to retain U.S. leadership in these fields.

The agreement provides not less than \$59,000,000 for NSTX-U Operations, not less than \$33,000,000 for NSTX-U Research, and not less than \$25,000,000 for the Material Plasma Exposure eXperiment.

The agreement reiterates House direction on the Milestone-Based Development Program and the stellarator facility.

The agreement provides \$242,000,000 for the U.S. contribution to the ITER project, of which not less than \$60,000,000 is for in-cash contributions. The agreement reiterates House direction on an updated baseline for Subproject 1 and a baseline for Subproject 2.



#### HIGH ENERGY PHYSICS

The agreement provides not less than \$30,000,000 for the Sanford Underground Research Facility, up to \$20,000,000 for Cosmic Microwave Background-Stage 4, and not less than \$40,000,000 for the HL-LHC Upgrade projects.

The agreement supports activities for the LuSEE-Night project.

The agreement provides up to \$13,000,000 for other project costs for the Long Baseline Neutrino Facility / Deep Underground Neutrino Experiment. Further, if the Department deems it necessary to provide further funding for this project, it is encouraged to seek a reprogramming, but these funds shall come from other research activities and projects currently funded at Fermi National Laboratory.

#### NUCLEAR PHYSICS

The Department is directed to give priority to optimizing operations for all Nuclear Physics user facilities.

The agreement provides for the completion of sPHENIX, up to \$15,800,000 for the Gamma-Ray Energy Tracking Array, up to \$16,200,000 for MOLLER, up to \$1,400,000 for Ton-Scale Neutrinoless Double Beta Decay, and up to \$13,000,000 for the High Rigidity Spectrometer.

#### ISOTOPIES R&D AND PRODUCTION

The agreement supports the FRIB Isotope Harvesting projects.

#### WORKFORCE DEVELOPMENT FOR TEACHERS AND SCIENTISTS

The agreement reiterates House and Senate direction on a five-year educational and workforce development plan. The agreement reiterates Senate direction on the curriculum working group.

#### SCIENCE LABORATORIES INFRASTRUCTURE

The Department is directed to provide to the Committees not later 90 days after enactment of this Act a briefing on the funding levels required for operations and maintenance of the Oak Ridge National Laboratory nuclear facilities. This is the only direction related to the Oak Ridge National Laboratory nuclear facilities.

#### NUCLEAR WASTE DISPOSAL

The agreement provides \$27,500,000 for Nuclear Waste Disposal, of which \$20,000,000 is for interim storage and \$7,500,000 is for Nuclear Waste Fund oversight activities.

#### TECHNOLOGY TRANSITIONS

The agreement provides \$19,470,000 for Technology Transitions. The agreement provides not less than \$5,000,000 for a competitive funding opportunity for incubators supporting energy innovation clusters.

#### CLEAN ENERGY DEMONSTRATIONS

The agreement provides \$20,000,000 for Clean Energy Demonstrations.

Pursuant to the budget request, the Office of Clean Energy Demonstrations (OCED) is intended to be a technology neutral office with expertise in large-scale energy project management and finance. It is expected that the Department avoid the practice of making awards dependent on funding from future years' appropriations. The Department is directed to provide to the Committees not later than 30 days after enactment of this Act a briefing on how OCED will conduct administrative and project management responsibilities.

#### ADVANCED RESEARCH PROJECTS AGENCY—ENERGY

The agreement provides \$450,000,000 for the Advanced Research Projects Agency—Energy (ARPA-E). The Department is directed to consider activities proposed under ARPA-C that are consistent with ARPA-E's mission and authorization in addition to its other current and proposed activities.

#### TITLE 17 INNOVATIVE TECHNOLOGY LOAN GUARANTEE PROGRAM

The agreement provides a net appropriation of \$29,000,000 in administrative expenses for the Title 17 Innovative Technology Loan Guarantee Program.

#### ADVANCED TECHNOLOGY VEHICLES MANUFACTURING LOAN PROGRAM

The agreement provides \$5,000,000 for the Advanced Technology Vehicles Manufacturing Loan Program.

### TRIBAL ENERGY LOAN GUARANTEE PROGRAM

The agreement provides \$2,000,000 for the Tribal Energy Loan Guarantee Program.

### INDIAN ENERGY POLICY AND PROGRAMS

The agreement provides \$58,000,000 for Indian Energy Policy and Programs. The agreement provides not less than \$20,000,000 to advance technical assistance, demonstration, and deployment of clean energy technologies, including solar and energy storage, for households and communities in tribal nations to improve reliability, resilience, and alleviate energy poverty.

### DEPARTMENTAL ADMINISTRATION

The agreement provides \$240,000,000 for Departmental Administration.

The agreement reiterates House direction on the report related to critical minerals assets.

*Control Points.*—The agreement includes eight reprogramming control points in this account to provide flexibility in the management of support functions. The Other Departmental Administration activities include Management, Project Management Oversight and Assessments, Chief Human Capital Officer, Office of Small and Disadvantaged Business Utilization, General Counsel, Office of Policy, and Public Affairs. The Department is directed to continue to submit a budget request that proposes a separate funding level for each of these activities.

*Chief Information Officer.*—The agreement provides not less than \$71,800,000 for cybersecurity and secure information. In addition, the agreement provides not less than \$55,000,000 to address the impacts of the SolarWinds incident across the Department.

*International Affairs.*—The agreement provides \$2,000,000 for the Israel Binational Industrial Research and Development (BIRD) Foundation and \$4,000,000 to continue the U.S. Israel Center of Excellence in Energy Engineering and Water Technology.

*Other Departmental Administration.*—The agreement provides not less than \$28,000,000 for the Chief Human Capital Officer, up to \$38,000,000 for the General Counsel, not less than \$13,000,000 for Project Management Oversight and Assessments, not less than \$3,500,000 for the Office of Small and Disadvantaged Business Utilization, and not less than \$4,000,000 for Public Affairs.

*U.S. Energy and Employment Report.*—The agreement provides up to \$2,000,000 for the Department to continue to complete an annual U.S. energy employment report that includes a comprehensive statistical survey to collect data, publish the data, and provide a summary report, with requirements as outlined in the House report. The Department is directed to produce and release this report annually.

The agreement reiterates Senate direction related to the CIO Business Operations Support Services (CBOSS) program.

OFFICE OF THE INSPECTOR GENERAL

The agreement provides \$78,000,000 for the Office of the Inspector General. The following is the only direction for the Office of the Inspector General.

There continues to be concerns about how the new independent audit strategy will be implemented. As such, the Inspector General is directed to provide to the Committees not later than 15 days after enactment of this Act, and monthly thereafter, a briefing on the implementation of the independent audit strategy.

ATOMIC ENERGY DEFENSE ACTIVITIES  
NATIONAL NUCLEAR SECURITY ADMINISTRATION

The agreement provides \$20,656,000,000 for the National Nuclear Security Administration (NNSA).

WEAPONS ACTIVITIES

The agreement provides \$15,920,000,000 for Weapons Activities.

*Integrated Priorities Report.* The fiscal year 2021 Act directed NNSA to provide with its budget request an Integrated Priorities Report (IPR). The report NNSA submitted does not meet the direction set by the fiscal year 2021 Act and was identified by NNSA as not a final integrated priority report. The agreement reiterates House direction regarding NNSA's submission of an IPR with the annual budget request.

*Stockpile Management.*—In lieu of House and Senate direction, the agreement includes funding consistent with the budget request as Congress awaits the upcoming Nuclear Posture Review (NPR). NNSA is directed to brief the Congressional Defense Committees on any departures from the fiscal year 2022 budget request in the NPR.

*Plutonium Pit Production Modernization.* GAO is engaged in an ongoing review of NNSA's integrated master schedule (IMS) that includes all pit production-related project and program activities. NNSA is directed to provide to the Committees not later than 30 days after enactment of this Act, and not less than quarterly thereafter, a briefing on progress on meeting the pit production cost and schedule milestones in the IMS.

Additionally, concerns remain about contingency planning for pit production given the timeline for achieving 80 pits per year will stretch beyond 2030. The contingency plan NNSA provided the Committees includes only minimal detail on meeting the needs of the nuclear deterrent that do not solely rely on the statutory milestones for pit production. NNSA is directed to provide to the Committees not later than 60 days after enactment of this Act an update detailing actionable plans based on current pit production timelines and coordinated with the Department of Defense. NNSA is further reminded that the contingency plan shall be updated and submitted annually with the budget request.

*University Collaboration.* The agreement reiterates House direction regarding a Center of Excellence.

*Academic Programs.* Within amounts for Academic Programs, the agreement provides \$40,000,000 for the Minority Serving Institution Partnership Program and \$10,000,000 for the Tribal Colleges and Universities Partnership Program. The agreement reiterates Senate direction regarding the distribution of funds.

*Inertial Confinement Fusion (ICF) and High Yield.* Within available funds, the agreement provides not less than \$350,000,000 for the National Ignition Facility (NIF), not less than \$83,000,000 for OMEGA, not less than \$66,900,000 for the Z Facility, and not less than \$6,000,000 for the NIKE Laser at the Naval Research Laboratory. A predictable and sustained availability of targets is essential to the operations of NNSA's laser facilities, and the agreement provides not less than \$33,000,000 for target research, development, and fabrication to cost-effectively operate the NIF, Z, and OMEGA facilities.

*Advanced Simulation and Computing.* Within funds provided for Advanced Simulation and Computing (ASC), the agreement provides \$25,000,000 for research in, and leading to the development of, memory technologies that will drive 40X performance gains beyond that achieved by exascale computing systems for critical mission applications. Within funds provided for ASC, the agreement provides \$15,000,000 for scalable computational NVMe over fabrics for exascale computing applications at Los Alamos National Laboratory.

*Stockpile Responsiveness Program.* The agreement reiterates House direction regarding an annual report and periodic updates.

*Contractor Pensions.* The agreement provides \$78,656,000 for payments into the legacy University of California contractor employee defined benefit pension plans, the Requa settlement reached in 2019, and the pension plan at the Savannah River Site.

#### DEFENSE NUCLEAR NONPROLIFERATION

The agreement provides \$2,354,000,000 for Defense Nuclear Nonproliferation.

*Global Material Security.* The agreement provides not less than \$38,000,000 for the Green Border Security Initiative within the Nuclear Smuggling Detection and Deterrence program. Within available funds, not less than \$25,000,000 is for the Cesium Irradiator Replacement Program.

*DNN R&D.* The agreement provides \$20,000,000 for the University Consortia for Nonproliferation Research.

*Contractor Pensions.* The agreement provides \$38,800,000 for payments into the legacy University of California contractor employee defined benefit pension plans, the Requa settlement reached in 2019, and the pension plan at the Savannah River Site.

NAVAL REACTORS  
(INCLUDING TRANSFER OF FUNDS)

The agreement provides \$1,918,000,000 for Naval Reactors.

*Spent Fuel Handling Facility.* The agreement provides funds above the budget request to address project cost increases and to mitigate the risk of schedule delays.

FEDERAL SALARIES AND EXPENSES

The agreement provides \$464,000,000 for Federal Salaries and Expenses.

The agreement recognizes the importance of recruiting and retaining the highly skilled personnel needed to meet NNSA's important mission. NNSA is directed to only hire within authorized personnel numbers provided for a given fiscal year, and if NNSA exceeds this authorized amount, then the Administrator must submit to the Committees within 30 days of the exceedance a report justifying the excess. The NNSA is directed to continue providing monthly updates on the status of hiring and retention.

ENVIRONMENTAL AND OTHER DEFENSE ACTIVITIES

DEFENSE ENVIRONMENTAL CLEANUP

The agreement provides \$6,710,000,000 for Defense Environmental Cleanup.

*Richland.*—The Department is directed to carry out maintenance and public safety efforts at historical sites, including the B Reactor. This includes facility improvements needed to expand public access and interpretive programs. Specifically, within available funds, the agreement provides \$10,000,000 for B Reactor roof replacement and other work to preserve the facility. The Department is directed to request any additional funding needed to complete the identified other work to preserve the facility starting with the fiscal year 2023 budget.

None of the Richland Operations funds shall be used to carry out activities with the Office of River Protection's tank farms.

*Office of River Protection.*—The agreement reiterates House direction regarding low level waste offsite disposal.

The agreement provides funds for full engineering, procurement, and construction work on the High-Level Waste Treatment Facility, for design and engineering of the Pre-Treatment Facility, to ensure compliance with the 2016 Consent Decree and Tri-Party Agreement milestones, and to continue tank waste retrievals.

*Savannah River Site.*—The agreement reiterates House direction regarding funding Savannah River National Laboratory radiological facilities.



DEFENSE URANIUM ENRICHMENT DECONTAMINATION AND DECOMMISSIONING  
(INCLUDING TRANSFER OF FUNDS)

The agreement provides \$573,333,000 for Defense Uranium Enrichment Decontamination and Decommissioning.

OTHER DEFENSE ACTIVITIES

The agreement provides \$985,000,000 for Other Defense Activities. The agreement includes \$12,000,000 above the budget request for targeted investments to defend the U.S. energy sector against the evolving threat of cyber and other attacks in support of the resiliency of the nation's electric grid and energy infrastructure.

POWER MARKETING ADMINISTRATIONS

BONNEVILLE POWER ADMINISTRATION FUND

The agreement provides no appropriation for the Bonneville Power Administration, which derives its funding from revenues deposited into the Bonneville Power Administration Fund.

OPERATION AND MAINTENANCE, SOUTHEASTERN POWER ADMINISTRATION

The agreement provides a net appropriation of \$0 for the Southeastern Power Administration.

OPERATION AND MAINTENANCE, SOUTHWESTERN POWER ADMINISTRATION

The agreement provides a net appropriation of \$10,400,000 for the Southwestern Power Administration. To ensure sufficient authority to meet purchase power and wheeling needs, the agreement includes \$21,000,000 above the level credited as offsetting collections by the Congressional Budget Office.

CONSTRUCTION, REHABILITATION, OPERATION AND MAINTENANCE, WESTERN AREA POWER  
ADMINISTRATION

The agreement provides a net appropriation of \$90,772,000 for the Western Area Power Administration.

FALCON AND AMISTAD OPERATING AND MAINTENANCE FUND

The agreement provides a net appropriation of \$228,000 for the Falcon and Amistad Operating and Maintenance Fund.

FEDERAL ENERGY REGULATORY COMMISSION  
SALARIES AND EXPENSES

The agreement provides \$466,426,000 for the Federal Energy Regulatory Commission (FERC). Revenues for FERC are set to an amount equal to the budget authority, resulting in a net appropriation of \$0.

GENERAL PROVISIONS—DEPARTMENT OF ENERGY  
(INCLUDING TRANSFERS AND REVISIONS OF FUNDS)

The agreement includes a provision prohibiting the use of funds provided in this title to initiate requests for proposals, other solicitations, or arrangements for new programs or activities that have not yet been approved and funded by Congress; requires notification or a report for certain funding actions; prohibits funds to be used for certain multi-year "Energy Programs" activities without notification; and prohibits the obligation or expenditure of funds provided in this title through a reprogramming of funds except in certain circumstances. The notification requirements in the provision also apply to the modification of any grant, contract, or Other Transaction Agreement where funds are allocated for new programs, projects, or activities not covered by a previous notification.

The agreement includes a provision authorizing intelligence activities of the Department of Energy for purposes of section 504 of the National Security Act of 1947.

The agreement includes a provision prohibiting the use of funds in this title for capital construction of high hazard nuclear facilities, unless certain independent oversight is conducted.

The agreement includes a provision prohibiting the use of funds in this title to approve critical decision-2 or critical decision-3 for certain construction projects, unless a separate independent cost estimate has been developed for that critical decision.

The agreement includes a provision regarding authority to release refined petroleum product from the Strategic Petroleum Reserve.

The agreement includes a provision to prohibit certain payments.

The agreement includes a provision that rescinds certain funds from prior year appropriations.

The agreement includes a provision transferring certain funds.

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DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>ENERGY PROGRAMS</b>					
<b>ENERGY EFFICIENCY AND RENEWABLE ENERGY</b>					
<b>Sustainable Transportation:</b>					
Vehicle Technologies	400,000	595,000	420,000	+20,000	-175,000
Bioenergy Technologies	255,000	340,000	262,000	+7,000	-78,000
Hydrogen and Fuel Cell Technologies	150,000	197,500	157,500	+7,500	-40,000
Subtotal, Sustainable Transportation	805,000	1,132,500	839,500	+34,500	-293,000
<b>Renewable Energy:</b>					
Solar Energy Technologies	280,000	386,575	290,000	+10,000	-96,575
Wind Energy Technologies	110,000	204,870	114,000	+4,000	-90,870
Water Power Technologies	150,000	196,560	162,000	+12,000	-34,560
Geothermal Technologies	106,000	163,760	109,500	+3,500	-54,260
Renewable Energy Grid Integration	---	---	40,000	+40,000	+40,000
Subtotal, Renewable Energy	646,000	951,765	715,500	+69,500	-236,265
<b>Energy Efficiency:</b>					
Advanced Manufacturing	396,000	550,500	416,000	+20,000	-134,500
Building Technologies	290,000	382,000	307,500	+17,500	-74,500
Federal Energy Management Program	40,000	438,150	40,000	---	-398,150

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>Weatherization and Intergovernmental Program:</b>					
<b>Weatherization:</b>					
Weatherization Assistance Program	310,000	390,000	313,000	+3,000	-77,000
Training and Technical Assistance	5,000	10,000	6,000	+1,000	-4,000
Weatherization Readiness Fund	---	21,000	15,000	+15,000	-6,000
<b>Subtotal, Weatherization</b>	<b>315,000</b>	<b>421,000</b>	<b>334,000</b>	<b>+19,000</b>	<b>-87,000</b>
State Energy Program Grants	62,500	62,500	63,000	+500	+500
Local Government Clean Energy Workforce Program	---	25,000	10,000	+10,000	-15,000
Build Back Better Challenge Grants	---	300,000	---	---	-300,000
Energy Future Grants	---	---	20,000	+20,000	+20,000
<b>Subtotal, Weatherization and Intergovernmental Program</b>	<b>377,500</b>	<b>808,500</b>	<b>427,000</b>	<b>+49,500</b>	<b>-381,500</b>
<b>Subtotal, Energy Efficiency</b>	<b>1,103,500</b>	<b>2,179,150</b>	<b>1,190,500</b>	<b>+87,000</b>	<b>-988,650</b>
<b>Corporate Support:</b>					
<b>Facilities and Infrastructure:</b>					
National Renewable Energy Laboratory (NREL) 21-EE-001, Energy Materials Processing at Scale (EMAPS)	130,000	167,000	140,000	+10,000	-27,000
---	---	8,000	8,000	+8,000	---
<b>Subtotal, Facilities and Infrastructure</b>	<b>130,000</b>	<b>175,000</b>	<b>148,000</b>	<b>+18,000</b>	<b>-27,000</b>

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Program Direction .....	165,000	250,000	209,453	+44,453	-40,547
Strategic Programs .....	14,500	43,585	20,000	+5,500	-23,585
Subtotal, Corporate Support .....	309,500	468,585	377,453	+67,953	-91,132
Subtotal, Energy Efficiency and Renewable Energy ..	2,864,000	4,732,000	3,122,953	+258,953	-1,609,047
Congressionally Directed Spending .....	---	---	77,047	+77,047	+77,047
Rescission .....	2,240	---	---	+2,240	---
TOTAL, ENERGY EFFICIENCY AND RENEWABLE ENERGY .....	2,861,760	4,732,000	3,200,000	+338,240	-1,532,000
<b>CYBERSECURITY, ENERGY SECURITY, AND EMERGENCY RESPONSE</b>					
Risk Management Technology and Tools .....	96,000	135,000	129,804	+33,804	-5,196
Infrastructure Security and Energy Restoration .....	48,000	---	---	-48,000	---
Response and Restoration .....	---	25,000	18,000	+18,000	-7,000
Information Sharing, Partnerships and Exercises .....	---	25,000	19,000	+19,000	-6,000
Program Direction .....	12,000	16,000	16,000	+4,000	---
Congressionally Directed Spending .....	---	---	3,000	+3,000	+3,000
TOTAL, CYBERSECURITY, ENERGY SECURITY, AND EMERGENCY RESPONSE .....	156,000	201,000	185,804	+29,804	-15,196



DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>ELECTRICITY</b>					
Transmission Reliability and Resilience.....	48,220	37,000	26,000	-22,220	-11,000
Energy Delivery Grid Operations Technology.....	---	43,500	23,000	+23,000	-20,500
Resilient Distribution Systems.....	50,000	50,000	55,000	+5,000	+5,000
<b>Energy Storage:</b>					
Research.....	57,000	72,000	73,000	+16,000	+1,000
Construction: 20-0E-100 Grid Storage Launchpad.....	23,000	47,000	47,000	+24,000	---
Subtotal, Energy Storage.....	80,000	119,000	120,000	+40,000	+1,000
Cyber R&D.....	---	25,000	11,150	+11,150	-13,850
Transformer Resilience and Advanced Components.....	7,500	22,500	11,000	+3,500	-11,500
DCEI Energy Mission Assurance.....	1,000	---	---	-1,000	---
Transmission Permitting and Technical Assistance.....	7,000	10,000	8,000	+1,000	-2,000
Program Direction.....	18,000	20,000	20,000	+2,000	---
Congressionally Directed Spending.....	---	---	2,850	+2,850	+2,850
<b>TOTAL, ELECTRICITY.....</b>	<b>211,720</b>	<b>327,000</b>	<b>277,000</b>	<b>+65,280</b>	<b>-50,000</b>

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>NUCLEAR ENERGY</b>					
Integrated University Program.....	5,000	6,000	6,000	+1,000	---
STEP R&D.....	5,000	---	---	-5,000	---
<b>Nuclear Energy Enabling Technologies:</b>					
Crosscutting Technology Development.....	28,000	47,000	29,000	+1,000	-18,000
Joint Modeling and Simulation Program.....	35,000	35,000	30,000	-5,000	-5,000
Nuclear Science User Facilities.....	30,000	42,000	33,000	+3,000	-9,000
Transformational Challenger Reactor.....	29,869	---	25,000	-4,869	+25,000
Subtotal, Nuclear Energy Enabling Technologies..	122,869	124,000	117,000	-5,869	-7,000
<b>Fuel Cycle Research and Development:</b>					
<b>Front End Fuel Cycle:</b>					
Mining, Conversion, and Transportation.....	2,000	2,000	2,000	---	---
Civil Nuclear Enrichment.....	40,000	---	---	-40,000	---
Advanced Nuclear Fuel Availability .....	---	33,075	45,000	+45,000	+11,925
Subtotal, Front End Fuel Cycle.....	42,000	35,075	47,000	+5,000	+11,925
<b>Material Recovery and Waste Form Development:</b>	25,000	35,000	30,000	+5,000	-5,000
<b>Advanced Fuels:</b>					
Accident Tolerant Fuels.....	105,800	115,000	115,000	+9,200	---
Triso Fuel and Graphite Qualification.....	36,000	36,000	37,000	+1,000	+1,000
Subtotal, Advanced Fuels.....	141,800	151,000	152,000	+10,200	+1,000

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Fuel Cycle Laboratory R&D.....	20,000	46,925	23,150	+3,150	-23,775
Used Nuclear Fuel Disposition R&D.....	62,500	62,500	50,000	-12,500	-12,500
Integrated Waste Management System.....	18,000	38,000	18,000	---	-20,000
Subtotal, Fuel Cycle Research and Development.....	309,300	368,500	320,150	+10,850	-48,350
Reactor Concepts RD&D:					
Advanced Small Modular Reactor RD&D.....	115,000	115,000	150,000	+35,000	+35,000
Light Water Reactor Sustainability.....	47,000	60,000	48,000	+1,000	-12,000
Advanced Reactor Technologies.....	46,000	65,000	59,000	+13,000	-6,000
Subtotal, Reactor Concepts RD&D.....	208,000	240,000	257,000	+49,000	+17,000
Versatile Test Reactor Project:					
Other Project Costs.....	43,000	55,000	---	-43,000	-55,000
21-E-200 VTR Project.....	2,000	90,000	---	-2,000	-90,000
Subtotal, Versatile Test Reactor Project.....	45,000	145,000	---	-45,000	-145,000

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>Advanced Reactors Demonstration Program:</b>					
National Reactor Innovation Center.....	30,000	55,000	55,000	+25,000	---
Demonstration 1.....	80,000	108,700	30,000	-50,000	-78,700
Demonstration 2.....	80,000	136,650	30,000	-50,000	-106,650
Risk Reduction for Future Demonstrations.....	40,000	50,000	115,000	+75,000	+65,000
Regulatory Development.....	15,000	15,000	15,000	---	---
Advanced Reactors Safeguards.....	5,000	5,000	5,000	---	---
<b>Subtotal, Advanced Reactors Demonstration Program.....</b>	<b>250,000</b>	<b>370,350</b>	<b>250,000</b>	<b>---</b>	<b>-120,350</b>
<b>Infrastructure:</b>					
DRNL Nuclear Facilities O&M.....	20,000	---	20,000	---	+20,000
INL Facilities Operations and Maintenance.....	280,000	300,000	295,000	+15,000	-5,000
Research Reactor Infrastructure.....	11,500	15,000	15,000	+3,500	---

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>Construction:</b>					
16-E-200 Sample Preparation Laboratory, INL.....	26,000	41,850	41,850	+15,850	---
Subtotal, Infrastructure.....	337,500	356,850	371,850	+34,350	+15,000
Idaho Sitewide Safeguards and Security.....	149,800	149,800	149,800	---	---
International Nuclear Energy Cooperation.....	---	5,000	3,000	+3,000	-2,000
Program Direction.....	75,131	85,000	80,000	+4,869	-5,000
NEUP, SBIR/STTR, and TCF.....	---	---	100,000	+100,000	+100,000
<b>TOTAL, NUCLEAR ENERGY.....</b>	<b>1,507,600</b>	<b>1,850,500</b>	<b>1,654,800</b>	<b>+147,200</b>	<b>-195,700</b>

FOSSIL ENERGY AND CARBON MANAGEMENT

<b>CCUS and Power Systems:</b>					
Carbon Capture.....	86,300	150,000	99,000	+12,700	-51,000
Carbon Dioxide Removal.....	40,000	63,000	49,000	+9,000	-14,000
Carbon Utilization.....	23,000	38,000	29,000	+6,000	-9,000
Carbon Storage.....	79,000	117,000	97,000	+18,000	-20,000
Advanced Energy and Hydrogen Systems.....	108,100	82,000	94,000	-14,100	+12,000
Crosscutting Research.....	32,900	36,500	33,000	+100	-3,500
Mineral Sustainability.....	53,000	45,000	53,000	---	+8,000
STEP (Supercritical CO2).....	14,500	---	15,000	+500	+15,000
Transformational Coal Pilots.....	10,000	---	---	-10,000	---
Subtotal, CCUS and Power Systems.....	446,800	531,500	469,000	+22,200	-62,500

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Natural Gas Technologies.....	57,000	130,000	---	-57,000	-130,000
Unconventional Fossil Energy Technologies from Petroleum - Oil Technologies.....	46,000	---	---	-46,000	---
Resource Technologies and Sustainability Program Direction.....	---	---	110,000	+110,000	+110,000
Special Recruitment Programs.....	61,500	66,800	66,800	+5,300	---
NETL Research and Operations.....	700	700	1,001	+301	+301
NETL Infrastructure.....	83,000	83,000	83,000	---	---
NETL Infrastructure.....	55,000	78,000	75,000	+20,000	-3,000
Congressionally Directed Spending.....	---	---	20,199	+20,199	+20,199
<b>TOTAL, FOSSIL ENERGY AND CARBON MANAGEMENT</b> .....	<b>750,000</b>	<b>890,000</b>	<b>825,000</b>	<b>+75,000</b>	<b>-65,000</b>
NAVAL PETROLEUM AND OIL SHALE RESERVES.....	13,006	13,650	13,650	+644	---
STRATEGIC PETROLEUM RESERVE.....	188,000	197,000	219,000	+31,000	+22,000
SPR PETROLEUM RESERVE.....	1,000	7,350	7,350	+6,350	---
NORTHEAST HOME HEATING OIL RESERVE.....	6,500	---	6,500	---	+6,500
ENERGY INFORMATION ADMINISTRATION.....	126,800	126,800	129,087	+2,287	+2,287

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>NON-DEFENSE ENVIRONMENTAL CLEANUP</b>					
Fast Flux Test Reactor Facility (WA)	2,500	3,100	3,100	+600	---
Gaseous Diffusion Plants	115,554	116,203	121,203	+5,649	+5,000
Small Sites	110,933	129,337	119,340	+8,407	-9,997
West Valley Demonstration Project	88,113	88,120	88,120	+7	---
Management and Storage of Elemental Mercury	2,100	2,100	2,100	---	---
Mercury Receipts	3,000	---	---	-3,000	---
Use of Mercury Receipts	-3,000	---	---	+3,000	---
<b>TOTAL, NON-DEFENSE ENVIRONMENTAL CLEANUP</b>	<b>319,200</b>	<b>338,860</b>	<b>333,863</b>	<b>+14,663</b>	<b>-4,997</b>
<b>URANIUM ENRICHMENT DECONTAMINATION AND DECOMMISSIONING FUND</b>					
Oak Ridge	134,701	105,000	105,000	-29,701	---
Nuclear Facility D&D, Paducah	240,000	198,995	240,000	---	+41,005
<b>Portsmouth:</b>					
Nuclear Facility D&D, Portsmouth	367,193	397,311	392,911	+25,718	-4,400
Construction:					
15-U-408 On-site Waste Disposal Facility, Portsmouth	46,639	5,000	8,900	-37,739	+3,900
20-U-401 On-site Waste Disposal Facility (Cell Line 2&3)	16,500	65,235	65,235	+48,735	---
<b>Subtotal, Portsmouth</b>	<b>430,332</b>	<b>467,546</b>	<b>467,046</b>	<b>+36,714</b>	<b>-500</b>

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Pension and Community and Regulatory Support	30,967	26,299	31,799	+832	+5,500
Title X Uranium/Thorium Reimbursement Program	5,000	33,500	16,155	+11,155	-17,345
<b>TOTAL, UED&amp;D FUND</b>	<b>841,000</b>	<b>831,340</b>	<b>860,000</b>	<b>+19,000</b>	<b>+28,660</b>

SCIENCE

Advanced Scientific Computing Research:					
Research	846,055	911,000	906,000	+59,945	-5,000
Construction:					
17-SC-20 Office of Science Exascale Computing Project (SC-ECP)	168,945	129,000	129,000	-39,945	---
<b>Subtotal, Advanced Scientific Computing Research</b>	<b>1,015,000</b>	<b>1,040,000</b>	<b>1,035,000</b>	<b>+20,000</b>	<b>-5,000</b>



DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>Basic Energy Sciences:</b>					
Research	1,856,000	1,995,800	2,003,800	+147,800	+8,000
<b>Construction:</b>					
13-SC-10 LINAC coherent light source II (LCLS-II), SLAC	33,000	28,100	28,100	-4,900	---
18-SC-10 Advanced Photon Source Upgrade (APS-U), ANL	160,000	101,000	101,000	-59,000	---
18-SC-11 Spallation Neutron Source Proton Power Upgrade (PPU), ORNL	52,000	17,000	17,000	-35,000	---
18-SC-12 Advanced Light Source Upgrade (ALS-U), LBNL	62,000	75,100	75,100	+13,100	---
18-SC-13 Linac Coherent Light Source-II-High Energy (LCLS-II-HE), SLAC	52,000	50,000	50,000	-2,000	---
19-SC-14 Second Target Station (STS), ORNL	29,000	32,000	32,000	+3,000	---
21-SC-10 Cryomodule Repair and Maintenance Facility	1,000	1,000	1,000	---	---
Subtotal, Construction	389,000	304,200	304,200	-84,800	---
Subtotal, Basic Energy Sciences	2,245,000	2,300,000	2,308,000	+63,000	+8,000

## DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Biological and Environmental Research.....	753,000	828,000	815,000	+62,000	-13,000
Fusion Energy Sciences					
Research.....	415,000	449,000	460,000	+45,000	+11,000
Construction:					
14-SC-60 U.S. Contributions to ITER (U.S. ITER)	242,000	221,000	242,000	---	+21,000
20-SC-61 Matter in Extreme Conditions (MEC)					
Petawatt Upgrade, SLAC.....	15,000	5,000	11,000	-4,000	+6,000
Subtotal, Construction.....	257,000	226,000	253,000	-4,000	+27,000
Subtotal, Fusion Energy Sciences.....	672,000	675,000	713,000	+41,000	+38,000
High Energy Physics					
Research.....	777,065	782,000	810,000	+32,935	+28,000
Construction:					
11-SC-40 Long Baseline Neutrino Facility / Deep Underground Neutrino Experiment (LBNF/DUNE), FNAL.....	171,000	176,000	176,000	+5,000	---
11-SC-41 Muon to electron conversion experiment, FNAL.....	2,000	13,000	2,000	---	-11,000
18-SC-42 Proton Improvement Plan II (PIP-II), FNAL.....	79,000	90,000	90,000	+11,000	---
Subtotal, Construction.....	252,000	279,000	268,000	+16,000	-11,000
Subtotal, High Energy Physics.....	1,029,065	1,061,000	1,078,000	+48,935	+17,000

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill Vs Enacted	Final Bill Vs Request
<b>Nuclear Physics:</b>					
Research	624,700	700,000	708,000	+83,300	+8,000
<b>Construction:</b>					
14-SC-50 Facility for Rare Isotope Beams, MSU	5,300	---	---	-5,300	---
20-SC-52 Electron Ion Collider, BNL	5,000	20,000	20,000	+15,000	---
Subtotal, Construction	10,300	20,000	20,000	+9,700	---
Subtotal, Nuclear Physics	635,000	720,000	728,000	+93,000	+8,000
<b>Isotope R&amp;D and Production:</b>					
Research	66,000	78,000	70,000	+4,000	-8,000
<b>Construction:</b>					
20-SC-51 US Stable Isotope Production and Research Center, ORNL	12,000	12,000	12,000	---	---
Subtotal, Construction	12,000	12,000	12,000	---	---
Subtotal, Isotope R&D and Production	78,000	90,000	82,000	+4,000	-8,000
Accelerator R&D and Production	16,935	24,000	18,000	+1,065	-6,000
Workforce Development for Teachers and Scientists	29,000	35,000	35,000	+6,000	---
<b>Science Laboratories Infrastructure:</b>					
<b>Infrastructure Support:</b>					
Payment in Lieu of Taxes	4,650	4,820	4,820	+170	---
Oak Ridge Landlord	5,860	6,430	6,430	+570	---

## DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Facilities and Infrastructure	29,790	17,200	14,450	-15,340	-2,750
Oak Ridge Nuclear Operations	26,000	20,000	26,000	---	+6,000
Subtotal, Infrastructure Support	66,300	48,450	51,700	-14,600	+3,250
Construction:					
17-SC-71 Integrated Engineering Research Center, FNAL	10,250	10,250	10,250	---	---
18-SC-71 Energy Sciences Capability, PNNL	23,000	---	---	-23,000	---
19-SC-71 Science User Support Center, BNL	20,000	38,000	38,000	+18,000	---
19-SC-73 Translational Research Capability, ORNL	22,000	21,500	21,500	-500	---
19-SC-74 BioEPIC, LBNL	20,000	35,000	35,000	+15,000	---
20-SC-71 Critical Utilities Rehabilitation Project, BNL	20,000	26,000	26,000	+6,000	---
20-SC-72 Seismic and Safety Modernization, LBNL	5,000	27,500	18,000	+13,000	-9,500
20-SC-73 CEBAF Renovation and Expansion, TJNAF	2,000	10,000	10,000	+8,000	---
20-SC-74 Craft Resources Support Facility, ORNL	25,000	---	---	-25,000	---
20-SC-75 Large Scale Collaboration Center, SLAC	11,000	12,000	21,000	+10,000	+9,000

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(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
20-SC-76 Tritium System Demolition and Disposal, PPPL.....	13,000	6,400	6,400	-6,600	---
20-SC-77 Argonne Utilities Upgrade, ANL.....	500	10,000	10,000	+9,500	---
20-SC-78 Linear Assets Modernization Project, LBNL.....	500	12,850	10,400	+9,900	-2,450
20-SC-79 Critical Utilities Infrastructure Revitalization, SLAC.....	500	10,000	8,500	+8,000	-1,500
20-SC-80 Utilities Infrastructure Project, FNAL.....	500	13,300	10,500	+10,000	-2,800
21-SC-71 Princeton Plasma Innovation Center, PPPL.....	150	7,750	7,750	+7,600	---
21-SC-72 Critical Infrastructure Recovery & Renewal, PPPL.....	150	2,000	2,000	+1,850	---
21-SC-73 Ames Infrastructure Modernization.....	150	2,000	2,000	+1,850	---
22-SC-71, Critical Infrastructure Modernization Project (CIMP), ORNL.....	---	1,000	1,000	+1,000	---
22-SC-72, Thomas Jefferson Infrastructure Improvements (TJII), TJNAF.....	---	1,000	1,000	+1,000	---
Subtotal, Construction:.....	173,700	246,550	239,300	+65,600	-7,250
Subtotal, Science Laboratories Infrastructure.....	240,000	295,000	291,000	+51,000	-4,000
Safeguards and Security.....	121,000	170,000	170,000	+49,000	---
Program Direction.....	192,000	202,000	202,000	+10,000	---
TOTAL, SCIENCE.....	7,026,000	7,440,000	7,475,000	+449,000	+35,000

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
NUCLEAR WASTE DISPOSAL	27,500	7,500	27,500	---	+20,000
TECHNOLOGY TRANSITIONS					
Technology Transitions Programs	---	11,095	11,095	+11,095	---
Program Direction	---	8,375	8,375	+8,375	---
TOTAL, TECHNOLOGY TRANSITIONS	---	19,470	19,470	+19,470	---
CLEAN ENERGY DEMONSTRATIONS					
Demonstrations	---	386,500	12,000	+12,000	-374,500
Program Direction	---	13,500	8,000	+8,000	-5,500
TOTAL, CLEAN ENERGY DEMONSTRATIONS	---	400,000	20,000	+20,000	-380,000
ADVANCED RESEARCH PROJECTS AGENCY-ENERGY					
ARPA-E Projects	392,000	463,000	414,000	+22,000	-49,000
Program Direction	35,000	37,000	36,000	+1,000	-1,000
TOTAL, ARPA-E	427,000	500,000	450,000	+23,000	-50,000

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(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>ADVANCED RESEARCH PROJECTS AGENCY-CLIMATE</b>					
ARPA-C Projects:	---	180,000	---	---	-180,000
Program Direction:	---	20,000	---	---	-20,000
<b>TOTAL, ARPA-C</b>	<b>---</b>	<b>200,000</b>	<b>---</b>	<b>---</b>	<b>-200,000</b>
<b>TITLE 17 - INNOVATIVE TECHNOLOGY LOAN GUARANTEE PGM</b>					
Administrative Expenses:	32,000	32,000	32,000	---	---
Title XVII Loan Guarantee Credit Subsidy:	---	150,000	---	---	-150,000
Offsetting Collection:	-3,000	-3,000	-3,000	---	---
Rescission of emergency funding:	-392,000	---	---	+392,000	---
<b>TOTAL, TITLE 17 - INNOVATIVE TECHNOLOGY LOAN</b>	<b>-363,000</b>	<b>179,000</b>	<b>29,000</b>	<b>+392,000</b>	<b>-150,000</b>
<b>GUARANTEE PROGRAM</b>					
<b>ADVANCED TECHNOLOGY VEHICLES MANUFACTURING LOAN PGM</b>					
Administrative Expenses:	5,000	5,000	5,000	---	---
Rescission of emergency funding:	-1,908,000	---	---	+1,908,000	---
<b>TOTAL, ADVANCED TECHNOLOGY VEHICLES</b>	<b>-1,903,000</b>	<b>5,000</b>	<b>5,000</b>	<b>+1,908,000</b>	<b>---</b>

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>MANUFACTURING LOAN PROGRAM</b>					
<b>TRIBAL ENERGY LOAN GUARANTEE PROGRAM</b>					
Administrative Expenses	2,000	2,000	2,000	---	---
<b>TOTAL, TRIBAL ENERGY LOAN GUARANTEE PROGRAM</b>	<b>2,000</b>	<b>2,000</b>	<b>2,000</b>	<b>---</b>	<b>---</b>
<b>INDIAN ENERGY POLICY AND PROGRAMS</b>					
Indian Energy Program	17,000	116,477	52,477	+35,477	-64,000
Program Direction	5,000	5,523	5,523	+523	---
<b>TOTAL, INDIAN ENERGY POLICY AND PROGRAMS</b>	<b>22,000</b>	<b>122,000</b>	<b>58,000</b>	<b>+36,000</b>	<b>-64,000</b>
<b>DEPARTMENTAL ADMINISTRATION</b>					
<b>Salaries and Expenses:</b>					
Office of the Secretary	5,582	5,582	5,582	---	---
Congressional and Intergovernmental Affairs	5,000	6,000	6,000	+1,000	---
Chief Financial Officer	53,590	56,591	56,591	+3,001	---
Economic Impact and Diversity	10,169	20,000	20,000	+9,831	---
Chief Information Officer	140,200	232,258	197,000	+56,800	-35,258
Artificial Intelligence and Technology Office	2,500	1,500	1,000	-1,500	-500
International Affairs	26,825	30,500	28,000	+1,175	-2,500
Other Departmental Administration	159,301	193,617	170,115	+10,814	-23,502
<b>Subtotal, Salaries and Expenses</b>	<b>403,167</b>	<b>546,048</b>	<b>484,288</b>	<b>+81,121</b>	<b>-61,760</b>



DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Strategic Partnership Projects.....	40,000	40,000	40,000	---	---
Subtotal, Departmental Administration.....	443,167	586,048	524,288	+81,121	-61,760
Funding from Other Defense Activities.....	-183,789	-163,710	-183,710	+79	-20,000
Total, Departmental Administration (Gross).....	259,378	422,338	340,578	+81,200	-81,760
Miscellaneous revenues.....	-93,378	-100,578	-100,578	-7,200	---
TOTAL, DEPARTMENTAL ADMINISTRATION (Net).....	166,000	321,760	240,000	+74,000	-81,760
OFFICE OF THE INSPECTOR GENERAL					
Office of the Inspector General.....	57,739	78,000	78,000	+20,261	---
TOTAL, ENERGY PROGRAMS.....	12,444,825	18,790,230	16,116,024	+3,671,199	-2,674,206

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
-----					
ATOMIC ENERGY DEFENSE ACTIVITIES					
NATIONAL NUCLEAR SECURITY ADMINISTRATION					
WEAPONS ACTIVITIES					
Stockpile Management:					
Stockpile Major Modernization:					
B61 Life Extension Program.....	815,710	771,664	771,664	-44,046	---
W88 Alteration Program.....	256,922	207,157	207,157	-49,765	---
W80-4 Life Extension Program.....	1,000,314	1,080,400	1,080,400	+80,086	---
W80-4 Alteration-SLCM.....	---	10,000	10,000	+10,000	---
W87-1 Modification Program.....	541,000	691,031	691,031	+150,031	---
W93.....	53,000	72,000	72,000	+19,000	---
Subtotal, Stockpile Major Modernization.....	2,666,946	2,832,252	2,832,252	+165,306	---
Stockpile Sustainment:					
B61 Stockpile systems.....	---	---	102,679	+102,679	+102,679
W76 Stockpile systems.....	---	---	169,220	+169,220	+169,220
W78 Stockpile systems.....	---	---	94,766	+94,766	+94,766
W80 Stockpile systems.....	---	---	91,669	+91,669	+91,669
B83 Stockpile systems.....	---	---	98,456	+98,456	+98,456
W87 Stockpile systems.....	---	---	117,297	+117,297	+117,297
W88 Stockpile systems.....	---	---	142,841	+142,841	+142,841
Multi-Weapon Systems.....	---	---	363,555	+363,555	+363,555
Subtotal, Stockpile Sustainment.....	---	---	1,180,483	+1,180,483	+1,180,483

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(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Stockpile Sustainment.....	998,357	1,180,483	---	-998,357	-1,180,483
Weapons Dismantlement and Disposition.....	56,000	51,000	56,000	---	+5,000
Production Operations.....	568,941	568,941	568,941	---	---
Subtotal, Stockpile Management.....	4,290,244	4,632,676	4,637,676	+347,432	+5,000
Production Modernization:					
Primary Capability Modernization:					
Plutonium Modernization:					
Los Alamos Plutonium Operations.....	610,599	660,419	660,419	+49,820	---
21-D-512, Plutonium Pit Production Project, LANL.....	226,000	350,000	350,000	+124,000	---
Subtotal, Los Alamos Plutonium Modernization.....	836,599	1,010,419	1,010,419	+173,820	---
Savannah River Plutonium Operations.....	200,000	128,000	128,000	-72,000	---
21-D-511, Savannah River Plutonium Processing Facility, SRS.....	241,896	475,000	475,000	+233,104	---
Subtotal, Savannah River Plutonium Modernization.....	441,896	603,000	603,000	+161,104	---
Enterprise Plutonium Support.....	90,782	107,098	107,098	+16,316	---
Subtotal, Plutonium Modernization.....	1,369,277	1,720,517	1,720,517	+351,240	---
High Explosives & Energetics.....	63,620	68,785	68,785	+5,165	---

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(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
HESE OPCs.....	3,750	---	---	-3,750	---
Subtotal, HE & Energetics.....	67,370	68,785	68,785	+1,415	---
Subtotal, Primary Capability Modernization.....	1,436,647	1,789,302	1,789,302	+352,655	---
Secondary Capability Modernization.....	---	488,097	488,097	+488,097	---
Uranium Sustainment.....	242,732	---	---	-242,732	---
Process Technology Development.....	63,957	---	---	-63,957	---
Depleted Uranium Modernization.....	110,915	---	---	-110,915	---
Lithium Modernization.....	39,400	---	---	-39,400	---
Subtotal, Secondary Capability Modernization.....	457,004	488,097	488,097	+31,093	---
Tritium and Domestic Uranium Enrichment.....	---	489,017	489,017	+489,017	---
Tritium Sustainment and Modernization.....	312,109	---	---	-312,109	---
Domestic Uranium Enrichment.....	70,000	---	---	-70,000	---
HEU Downblend.....	90,000	---	---	-90,000	---
Uranium Reserve.....	75,000	---	---	-75,000	---
Subtotal, Tritium & DUE.....	547,109	489,017	489,017	-58,092	---
Non-Nuclear Capability Modernization.....	107,137	144,563	144,563	+37,426	---
Subtotal, Production Modernization.....	2,547,897	2,910,979	2,910,979	+363,082	---

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(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>Stockpile Research, Technology, and Engineering:</b>					
Assessment Science:	---	689,578	---	---	-689,578
Primary Assessment Technologies	150,000	---	150,000	---	+150,000
Dynamic Materials Properties	130,981	---	130,981	---	+130,981
Advanced Diagnostics	35,989	---	35,989	---	+35,989
Secondary Assessment Technologies	84,000	---	84,000	---	+84,000
Enhanced Capabilities for Subcritical Experiments	215,579	---	215,579	---	+215,579
Hydrodynamic & Subcritical Execution Support	152,845	---	152,845	---	+152,845
Subtotal, Assessment Science	769,394	689,578	769,394	---	+79,816
Engineering and Integrated Assessments:	---	336,766	---	---	-336,766
Archiving & Support	45,760	---	45,760	---	+45,760
Delivery Environments	39,235	---	39,235	---	+39,235
Weapons Survivability	59,500	---	59,500	---	+59,500
Aging & Lifetimes	62,260	---	87,260	+25,000	+87,260
Stockpile Responsiveness	70,000	---	50,000	-20,000	+50,000
Advanced Certification & Qualification	60,649	---	60,330	-319	+60,330
Subtotal, Engineering and Integrated Assessments	337,404	336,766	342,085	+4,681	+5,319
Inertial Confinement Fusion	575,000	529,000	580,000	+5,000	+51,000
Advanced Simulation and Computing	732,014	747,012	747,012	+14,998	---
Weapon Technology and Manufacturing Maturation	---	292,630	292,630	+292,630	---
Surety Technology	54,365	---	---	-54,365	---
Weapon Technology Development	131,692	---	---	-131,692	---

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(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Advanced Manufacturing Development.....	111,908	---	---	-111,908	---
Subtotal, Weapon Technology and Manufacturing Maturation.....	297,965	292,630	292,630	-5,335	---
Academic Programs.....	101,912	95,645	111,912	+10,000	+16,267
Subtotal, Stockpile Research, Technology, and Engineering.....	2,813,689	2,690,631	2,843,033	+29,344	+152,402
Infrastructure and Operations:					
Operations:					
Operations of facilities.....	1,014,000	1,014,000	1,014,000	---	---
Safety and environmental operations.....	165,354	165,354	165,354	---	---
Maintenance and repair of facilities.....	667,000	870,000	700,000	+33,000	+30,000
Subtotal, Operations.....	1,846,354	1,849,354	1,879,354	+33,000	+30,000

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(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>Recapitalization:</b>					
Infrastructure and safety.....	573,717	508,664	600,000	+26,283	+91,336
Capability based investments.....	149,117	143,066	187,566	+38,449	+44,500
Planning for Programmatic Construction (Pre-CD-1)...	10,000	---	10,000	---	+10,000
<b>Subtotal, Recapitalization.....</b>	<b>732,834</b>	<b>651,730</b>	<b>797,566</b>	<b>+64,732</b>	<b>+145,836</b>
<b>I&amp;O Construction:</b>					
Programmatic Construction:					
06-D-141 Uranium Processing Facility, Y-12.....	750,000	524,000	600,000	-150,000	+76,000
07-D-220-04 TRU Liquid Waste Facility, LANL.....	36,687	---	30,000	-6,687	+30,000
15-D-301 HE Science & Engineering Facility, PX.....	43,000	---	---	-43,000	---
15-D-302 TA-55 Reinvestment project III, LANL.....	30,000	27,000	27,000	-3,000	---
17-D-640 Uta complex enhancements project, NNSA.....	160,600	135,000	135,000	-25,600	---
18-D-620 Exascale Computing Facility Modernization Project, LLNL.....	29,200	---	---	-29,200	---
18-D-650 Tritium Finishing Facility, SRS.....	27,000	27,000	27,000	---	---
18-D-690, Lithium processing facility, Y-12.....	109,405	167,902	167,902	+58,497	---
21-D-510 HE Synthesis, Formulation, and Production, PX.....	31,000	44,500	44,500	+13,500	---
22-D-513, Power Sources Capability, SNL.....	---	13,827	13,827	+13,827	---

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(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Chemistry and Metallurgy Replacement (CMRR):					
04-D-125 Chemistry and metallurgy replacement project, LANL	169,427	138,123	138,123	-31,304	---
Subtotal, Programmatic Construction and CMRR	1,386,319	1,077,352	1,183,352	-202,967	+106,000
Mission Enabling:					
15-D-611 Emergency Operations Center, SNL	36,000	---	---	-36,000	---
15-D-612 Emergency Operations Center, LLNL	27,000	---	---	-27,000	---
19-D-670 138kV Power Transmission System Replacement, NNS	59,000	---	---	-59,000	---
22-D-514 Digital Infrastructure Capability Expansion, LLNL	---	8,000	8,000	+8,000	---
Subtotal, Mission Enabling	122,000	8,000	8,000	-114,000	---
Subtotal, I&O Construction	1,508,319	1,085,352	1,191,352	-316,967	+106,000
Subtotal, Infrastructure and Operations	4,087,507	3,586,436	3,868,272	-219,235	+281,836
Secure Transportation Asset:					
STA Operations and Equipment	225,000	213,704	213,704	-11,296	---
Program Direction	123,684	117,060	117,060	-6,624	---
Subtotal, Secure Transportation Asset	348,684	330,764	330,764	-17,920	---
Defense Nuclear Security:					
Defense Nuclear Security (DNS)	763,078	824,623	821,090	+58,012	-3,533



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<b>Construction:</b>					
17-D-710 West End Protected Area Reduction Project, Y-12.....	26,000	23,000	23,000	-3,000	---
Subtotal, Defense Nuclear Security.....	789,078	847,623	844,090	+55,012	-3,533
Information Technology and Cyber Security.....	366,233	406,530	406,530	+40,297	---
Legacy Contractor Pensions (WA).....	101,668	78,656	78,656	-23,012	---
<b>TOTAL, WEAPONS ACTIVITIES.....</b>	<b>15,345,000</b>	<b>15,484,295</b>	<b>15,920,000</b>	<b>+575,000</b>	<b>+435,705</b>
<b>DEFENSE NUCLEAR NONPROLIFERATION</b>					
<b>Material Management and Minimization:</b>					
Conversion.....	110,000	100,660	100,660	-9,340	---
Nuclear Material Removal.....	40,000	42,100	42,100	+2,100	---
Material Disposition.....	190,711	200,186	200,186	+9,475	---
Laboratory and Partnership Support.....	60,000	---	---	-60,000	---
Subtotal, Material Management and Minimization.....	400,711	342,946	342,946	-57,765	---

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	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Global Material Security:					
International Nuclear Security.....	78,939	79,939	79,939	+1,000	---
Domestic Radiological Security.....	185,000	158,002	158,002	-26,998	---
International Radiological Security.....	90,000	85,000	95,000	+5,000	+10,000
Nuclear Smuggling Detection and Deterrence.....	175,000	175,000	198,500	+23,500	+23,500
Subtotal, Global Material Security.....	528,939	497,941	531,441	+2,502	+33,500
Nonproliferation and Arms Control:					
National Technical Nuclear Forensics R&D.....	148,000	184,795	184,795	+36,795	---
Defense Nuclear Nonproliferation R&D:	40,000	---	---	-40,000	---
Proliferation Detection.....	255,000	269,407	269,407	+14,407	---
Nuclear Detonation Detection.....	267,000	271,000	294,500	+27,500	+23,500
Nonproliferation Fuels Development.....	20,000	---	20,000	---	+20,000
Nonproliferation Stewardship Program.....	59,900	87,329	100,329	+40,429	+13,000
National Technical Nuclear Forensics.....	---	45,000	45,000	+45,000	---
Subtotal, Defense Nuclear Nonproliferation R&D.....	601,900	672,736	729,236	+127,336	+56,500
Nonproliferation Construction:					
18-D-150 Surplus Plutonium Disposition Project, SRS.....	148,589	156,000	156,000	+7,411	---
Subtotal, Nonproliferation Construction.....	148,589	156,000	156,000	+7,411	---

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>Nuclear Counterterrorism and Incident Response:</b>					
Emergency Operations	36,000	14,597	14,597	-21,403	---
Counterterrorism and Counterproliferation	341,513	356,185	356,185	+14,672	---
<b>Subtotal, Nuclear Counterterrorism and Incident Response</b>	<b>377,513</b>	<b>370,782</b>	<b>370,782</b>	<b>-6,731</b>	<b>---</b>
Legacy Contractor Pensions (DNN)	14,348	38,800	38,800	+24,452	---
Rescission	---	-330,000	---	---	+330,000
<b>TOTAL, DEFENSE NUCLEAR NONPROLIFERATION</b>	<b>2,260,000</b>	<b>1,934,000</b>	<b>2,354,000</b>	<b>+94,000</b>	<b>+420,000</b>
<b>NAVAL REACTORS</b>					
Naval Reactors Development	568,000	640,684	640,684	+72,684	---
Columbia-class Reactor Systems Development	64,700	55,000	55,000	-9,700	---
S8G Prototype Refueling	135,000	126,000	126,000	-9,000	---
Naval Reactors Operations and Infrastructure Program Direction	530,600	594,017	594,017	+63,417	---
Construction:	51,700	55,579	55,579	+3,879	---
14-D-901 Spent Fuel Handling Recapitalization project, NRF	330,000	348,705	400,000	+70,000	+51,295
21-D-530 KL Steam and Condensate Upgrades	4,000	---	---	-4,000	---
22-D-531 KL Chemistry and Radiological Health Building	---	41,620	41,620	+41,620	---
22-D-532 KL Security Upgrades	---	5,100	5,100	+5,100	---
<b>Subtotal, Construction</b>	<b>334,000</b>	<b>395,425</b>	<b>446,720</b>	<b>+112,720</b>	<b>+51,295</b>

## DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Rescission.....	---	-6,000	---	---	+6,000
TOTAL, NAVAL REACTORS.....	1,684,000	1,860,705	1,918,000	+234,000	+57,295
FEDERAL SALARIES AND EXPENSES.....	443,200	464,000	464,000	+20,800	---
TOTAL, NATIONAL NUCLEAR SECURITY ADMINISTRATION.....	19,732,200	19,743,000	20,656,000	+923,800	+913,000
DEFENSE ENVIRONMENTAL CLEANUP					
Closure Sites Administration.....	4,987	3,987	3,987	-1,000	---
Richland:					
River Corridor and Other Cleanup Operations.....	232,479	196,000	254,479	+22,000	+58,479
Central Plateau Remediation.....	670,000	689,776	650,926	-19,074	-38,850
RL Community and Regulatory Support.....	8,621	5,121	8,621	---	+3,500
Construction:					
18-D-404 WESF Modifications and Capsule Storage...	15,000	8,000	8,000	-7,000	---
22-D-401 L-888, 400 Area Fire Station.....	---	15,200	15,200	+15,200	---
22-D-402 L-897, 200 Area Water Treatment Facility.....	---	12,800	12,800	+12,800	---
Subtotal, Construction.....	15,000	36,000	36,000	+21,000	---
Subtotal, Richland.....	926,100	926,897	950,026	+23,926	+23,129

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
-----					
Office of River Protection:					
Waste Treatment and Immobilization Plant					
Commissioning.....	50,000	50,000	50,000	---	---
Rad Liquid Tank Waste Stabilization and Disposition.....	784,000	817,642	837,642	+53,642	+20,000
Construction:					
01-D-16 D High-level Waste Facility.....	25,000	60,000	144,358	+119,358	+84,358
01-D-16 E Pretreatment Facility.....	---	20,000	20,000	+20,000	---
18-D-16 Waste Treatment and Immobilization Plant - LBL/Direct Feed LAW.....	786,000	586,000	586,000	-200,000	---
Subtotal, Construction.....	811,000	666,000	750,358	-60,642	+84,358
DRP Low-level Waste Offsite Disposal.....	---	7,000	7,000	+7,000	---
Subtotal, Office of River Protection.....	1,645,000	1,540,642	1,645,000	---	+104,358
Idaho National Laboratory:					
Idaho Cleanup and Waste Disposition.....	430,000	358,925	432,313	+2,313	+73,388

## DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Idaho Community and Regulatory Support.....	3,500	2,658	2,658	-842	---
Construction:					
22-D-403 Idaho Spent Nuclear Fuel Staging Facility.....	---	3,000	3,000	+3,000	---
22-D-404 Additional ICDP Landfill Disposal Cell and Evaporation Ponds Project.....	---	5,000	5,000	+5,000	---
Subtotal, Construction.....	---	8,000	8,000	+8,000	---
Total, Idaho National Laboratory.....	433,500	369,583	442,971	+9,471	+73,388
NNSA Sites and Nevada Offsites:					
Lawrence Livermore National Laboratory.....	1,764	1,806	1,806	+42	---
Separations Process Research Unit.....	15,000	15,000	15,000	---	---
Nevada.....	60,737	60,737	75,737	+15,000	+15,000
Sandia National Laboratory.....	4,860	4,576	4,576	-284	---
Los Alamos National Laboratory.....	226,000	275,119	275,119	+49,119	---
Los Alamos Excess Facilities D&D.....	---	58,381	17,000	+17,000	-41,381
LLNL Excess Facilities D&D.....	35,000	35,000	35,000	---	---
Total, NNSA Sites and Nevada Off-sites.....	343,361	450,619	424,238	+80,877	-26,381
Oak Ridge Reservation:					
OR Nuclear Facility D&D.....	254,132	274,923	337,062	+82,930	+62,139
U233 Disposition Program.....	55,000	55,000	55,000	---	---
OR Cleanup and Disposition.....	112,471	73,725	73,725	-38,746	---

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>Construction:</b>					
14-D-403 Outfall 200 Mercury Treatment Facility	20,500	---	---	-20,500	---
17-D-401 On-site Waste Disposal Facility	22,380	12,500	12,500	-9,880	---
<b>Subtotal, Construction</b>	<b>42,880</b>	<b>12,500</b>	<b>12,500</b>	<b>-30,380</b>	<b>---</b>
DR Community & Regulatory Support	5,900	5,096	5,096	-804	---
OR Technology Development and Deployment	5,000	3,000	3,000	-2,000	---
<b>Total, Oak Ridge Reservation</b>	<b>475,383</b>	<b>424,244</b>	<b>486,383</b>	<b>+11,000</b>	<b>+62,139</b>
<b>Savannah River Site:</b>					
<b>SR Site Risk Management Operations:</b>					
SR Site Risk Management Operations	500,000	452,724	459,090	-40,910	+6,366
<b>Construction:</b>					
18-D-402 Emergency Operations Center Replacement, SR	6,500	8,999	8,999	+2,499	---
19-D-701 SR Security System Replacement	1,000	5,000	5,000	+4,000	---
20-D-402 Advanced Manufacturing Collaborative Facility (AMC)	25,000	---	---	-25,000	---
<b>Total, SR Site Risk Management Operations</b>	<b>532,500</b>	<b>466,723</b>	<b>473,089</b>	<b>-59,411</b>	<b>+6,366</b>
SR Community and Regulatory Support	11,549	5,805	11,805	+256	+6,000
SR Radioactive Liquid Tank Waste Stabilization and Disposition	910,832	890,865	889,365	-21,467	-1,500

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>Construction:</b>					
17-D-402 Saltstone Disposal Unit #7, SRS	10,716	---	---	-10,716	---
18-D-402 Saltstone Disposal unit #8/9	65,500	68,000	68,000	+2,500	---
20-D-401 Saltstone Disposal Unit #10, 11, 12	562	19,500	19,500	+18,938	---
Subtotal, Construction	76,778	87,500	87,500	+10,722	---
Savannah River Legacy Pensions	---	130,882	130,882	+130,882	---
Total, Savannah River Site	1,531,659	1,581,775	1,592,641	+60,982	+10,866
<b>Waste Isolation Pilot Plant:</b>					
Waste Isolation Pilot Plant	313,260	350,424	353,424	+40,164	+3,000
<b>Construction:</b>					
15-D-411 Safety Significant Confinement Ventilation System, WIPP	35,000	55,000	65,000	+30,000	+10,000
15-D-412 Exhaust Shaft, WIPP	55,000	25,000	25,000	-30,000	---
21-D-401 Hoisting Capability Project	10,000	---	---	-10,000	---
Total, Waste Isolation Pilot Plant	413,260	430,424	443,424	+30,164	+13,000



DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Program Direction	289,000	293,106	305,207	+16,207	+12,101
Program Support	12,979	62,979	62,979	+50,000	---
Safeguards and Security	320,771	316,744	323,144	+2,373	+6,400
Technology Development	30,000	25,000	30,000	---	+5,000
Subtotal, Defense Environmental Cleanup	6,426,000	6,426,000	6,710,000	+284,000	+284,000
Federal Contribution to the Uranium Enrichment D&D Fund	---	415,670	---	---	-415,670
TOTAL, DEFENSE ENVIRONMENTAL CLEANUP	6,426,000	6,841,670	6,710,000	+284,000	-131,670
DEFENSE UED&D	---	---	573,333	+573,333	+573,333
OTHER DEFENSE ACTIVITIES					
Environment, Health, Safety and Security:					
Environment, Health, Safety and Security	134,320	132,732	132,732	-1,588	---
Program Direction - Environment, Health, Safety and Security	72,000	73,588	73,588	+1,588	---
Subtotal, Environment, Health, Safety and Security	206,320	206,320	206,320	---	---

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
-----					
Enterprise Assessments:					
Enterprise Assessments.....	24,435	27,335	27,335	+2,900	---
Program Direction.....	54,635	56,049	56,049	+1,414	---
Subtotal, Enterprise Assessments.....	79,070	83,384	83,384	+4,314	---
Specialized Security Activities.....	283,500	283,500	328,500	+45,000	+45,000
Office of Legacy Management:					
Legacy Management Activities - Defense.....	142,797	408,797	158,797	+16,000	-250,000
Program Direction - Legacy Management.....	20,262	19,933	19,933	-329	---
Subtotal, Office of Legacy Management.....	163,059	428,730	178,730	+15,671	-250,000
Defense Related Administrative Support.....	183,789	163,710	183,710	-79	+20,000
Office of Hearings and Appeals.....	4,262	4,356	4,356	+94	---
TOTAL, OTHER DEFENSE ACTIVITIES.....	920,000	1,170,000	985,000	+65,000	-185,000
=====					
TOTAL, ATOMIC ENERGY DEFENSE ACTIVITIES.....	27,078,200	27,754,670	28,924,333	+1,846,133	+1,169,663
=====					

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
-----					
POWER MARKETING ADMINISTRATIONS (1)					
SOUTHEASTERN POWER ADMINISTRATION					
Operation and Maintenance					
Purchase Power and Wheeling.....	66,163	88,339	66,353	+190	-21,986
Program Direction.....	11,246	7,284	7,284	-3,962	---
Subtotal, Operation and Maintenance.....	77,409	95,623	73,637	-3,772	-21,986
Less Alternative Financing (for PPW).....	-14,163	-13,353	-13,353	+810	---
Less Alternative Financing (for PD).....	-4,000	-100	-100	+3,900	---
Offsetting Collections (for PPW).....	-52,000	-74,986	-53,000	-1,000	+21,986
Offsetting Collections (for PD).....	-7,246	-7,184	-7,184	+62	---
TOTAL, SOUTHEASTERN POWER ADMINISTRATION.....	---	---	---	---	---

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>SOUTHWESTERN POWER ADMINISTRATION</b>					
<b>Operation and Maintenance</b>					
Operation and Maintenance	13,292	11,082	11,082	-2,210	---
Purchase Power and Wheeling	54,000	93,000	62,000	+8,000	-31,000
Program Direction	35,635	36,833	36,833	+1,198	---
Construction	13,267	15,901	15,901	+2,634	---
Subtotal, Operation and Maintenance	116,194	156,816	125,816	+9,622	-31,000
Less Alternative Financing (for O&M)	-5,635	-4,591	-4,591	+1,044	---
Less Alternative Financing (for PPW)	-20,000	-23,000	-23,000	-3,000	---
Less Alternative Financing (for Construction)	-8,167	-10,901	-10,901	-2,734	---
Less Alternative Financing (for PD)	-852	---	---	+852	---
Offsetting Collections (for PD)	-31,483	-33,529	-33,529	-2,046	---
Offsetting Collections (for O&M)	-5,657	-4,395	-4,395	+1,262	---
Offsetting Collections (for PPW)	-34,000	-70,000	-39,000	-5,000	+31,000
<b>TOTAL, SOUTHWESTERN POWER ADMINISTRATION</b>	<b>10,400</b>	<b>10,400</b>	<b>10,400</b>	<b>---</b>	<b>---</b>

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
-----					
WESTERN AREA POWER ADMINISTRATION					
Operation and Maintenance:					
Construction and Rehabilitation	26,251	35,185	35,185	+8,934	---
Operation and Maintenance	77,874	81,983	81,983	+4,109	---
Purchase Power and Wheeling	485,890	589,677	443,677	-42,213	-146,000
Program Direction	253,575	267,246	267,246	+13,671	---
Subtotal, Operation and Maintenance	843,590	974,091	828,091	-15,499	-146,000
Less Alternative Financing (for O&M)	-6,297	-7,122	-7,122	-825	---
Less Alternative Financing (for Construction)	-20,353	-31,090	-31,090	-10,737	---
Less Alternative Financing (for PD)	-48,546	-51,849	-51,849	-3,303	---
Less Alternative Financing (for PPW)	-293,890	-273,677	-273,677	+20,213	---
Offsetting Collections (for PD)	-145,010	-166,935	-166,935	-21,925	---
Offsetting Collections (for O&M)	-24,744	-27,530	-27,530	-2,786	---
Purchase Power & Wheeling Financed from Offsetting (P.L. 108-447/109-103)	-192,000	-316,000	-170,000	+22,000	+146,000
Offsetting Collections - Colorado River Dam (P.L. 98-381)	-8,378	-9,116	-9,116	-738	---
Use of Prior-Year Balances	-15,000	---	---	+15,000	---
TOTAL, WESTERN AREA POWER ADMINISTRATION	89,372	90,772	90,772	+1,400	---
=====					

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>FALCON AND AMISTAD OPERATING AND MAINTENANCE FUND</b>					
Falcon And Amistad Operation And Maintenance	7,302	7,545	7,545	+243	---
Offsetting Collections - Falcon and Amistad Fund	-5,548	-5,580	-5,580	-32	---
Less Alternative Financing - Falcon and Amistad Fund	-1,526	-1,737	-1,737	-211	---
<b>TOTAL, FALCON AND AMISTAD O&amp;M FUND</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>---</b>	<b>---</b>
<b>TOTAL, POWER MARKETING ADMINISTRATIONS</b>	<b>100,000</b>	<b>101,400</b>	<b>101,400</b>	<b>+1,400</b>	<b>---</b>
<b>FEDERAL ENERGY REGULATORY COMMISSION</b>					
Federal Energy Regulatory Commission	404,350	463,900	466,426	+62,076	+2,526
FERC Revenues	-404,350	-463,900	-466,426	-62,076	-2,526
<b>TOTAL, FEDERAL ENERGY REGULATORY COMMISSION</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>General Provisions</b>					
Colorado River Basin Fund (305(b))	2,000	---	2,000	---	+2,000
Defense Nuclear Nonproliferation Construction Project					
99-D-143 Rescission	---	---	-282,133	-282,133	-282,133
Naval Reactors Rescission	---	---	-6,000	-6,000	-6,000
<b>Total, General Provisions</b>	<b>2,000</b>	<b>---</b>	<b>-286,133</b>	<b>-288,133</b>	<b>-286,133</b>
=====					
<b>GRAND TOTAL, DEPARTMENT OF ENERGY</b>	<b>39,625,025</b>	<b>46,646,300</b>	<b>44,855,624</b>	<b>+5,230,599</b>	<b>-1,790,676</b>
(Total amount appropriated)	(41,927,265)	(46,982,300)	(45,143,757)	(+3,216,492)	(-1,838,543)
(Rescissions)	(-2,240)	(-336,000)	(-288,133)	(-285,893)	(+47,867)
=====					
(Rescissions of emergency funding)	(-2,300,000)	---	---	(+2,300,000)	---

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>SUMMARY OF ACCOUNTS</b>					
Energy Efficiency and Renewable Energy	2,861,760	4,732,000	3,200,000	+338,240	-1,532,000
Cybersecurity, Energy Security, and Emergency Response	156,000	201,000	185,804	+29,804	-15,196
Electricity	211,720	327,000	277,000	+65,280	-50,000
Nuclear Energy	1,507,600	1,850,500	1,654,800	+147,200	-195,700
Fossil Energy and Carbon Management	750,000	890,000	825,000	+75,000	-65,000
Naval Petroleum & Oil Shale Reserves	13,006	13,650	13,650	+644	---
Strategic Petroleum Reserve	188,000	197,000	219,000	+31,000	+22,000
SPR Petroleum Account	1,000	7,350	7,350	+6,350	---
Northeast Home Heating Oil Reserve	6,500	---	6,500	---	+6,500
Energy Information Administration	126,800	126,800	129,087	+2,287	+2,287
Non-Defense Environmental Cleanup	319,200	338,860	333,863	+14,663	-4,997
Uranium Enrichment D&D Fund	841,000	831,340	860,000	+19,000	+28,660
Science	7,026,000	7,440,000	7,475,000	+449,000	+35,000
Nuclear Waste Disposal	27,500	7,500	27,500	---	+20,000
Technology Transitions	---	19,470	19,470	+19,470	---
Clean Energy Demonstrations	---	400,000	20,000	+20,000	-380,000
Advanced Research Projects Agency-Energy	427,000	500,000	450,000	+23,000	-50,000
Advanced Research Projects Agency-Climate	---	200,000	---	---	-200,000
Title 17 Innovative technology loan guarantee program	-363,000	179,000	29,000	+392,000	-150,000



DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Advanced Technology Vehicles Manufacturing Loan Program	-1,903,000	5,000	5,000	+1,908,000	---
Tribal Energy Loan Guarantee program	2,000	2,000	2,000	---	---
Indian Energy Policy and Programs	22,000	122,000	58,000	+36,000	-64,000
Departmental administration	166,000	321,760	240,000	+74,000	-81,760
Office of the Inspector General	57,739	78,000	78,000	+20,261	---
Atomic Energy Defense Activities:					
National Nuclear Security Administration:					
Weapons Activities	15,345,000	15,484,295	15,920,000	+575,000	+435,705
Defense Nuclear Nonproliferation	2,260,000	1,934,000	2,354,000	+94,000	+420,000
Naval Reactors	1,684,000	1,860,705	1,918,000	+234,000	+57,295
Federal Salaries and Expenses	443,200	464,000	464,000	+20,800	---
Subtotal, National Nuclear Security Administration	19,732,200	19,743,000	20,656,000	+923,800	+913,000
Defense Environmental Cleanup	6,426,000	6,841,670	6,710,000	+284,000	-131,670
Defense UED&D	---	---	573,333	+573,333	+573,333
Other Defense Activities	920,000	1,170,000	985,000	+65,000	-185,000
Total, Atomic Energy Defense Activities	27,078,200	27,754,670	28,924,333	+1,846,133	+1,169,663
Power Marketing Administrations (1):					
Southeastern Power Administration	---	---	---	---	---
Southwestern Power Administration	10,400	10,400	10,400	---	---
Western Area Power Administration	89,372	90,772	90,772	+1,400	---
Falcon and Amistad Operating and Maintenance Fund	228	228	228	---	---
Total, Power Marketing Administrations	100,000	101,400	101,400	+1,400	---

DEPARTMENT OF ENERGY

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
-----					
Federal Energy Regulatory Commission:					
Salaries and Expenses .....	404,350	463,900	466,426	+62,076	+2,526
Revenues .....	-404,350	-463,900	-466,426	-62,076	-2,526
General Provision:					
Colorado River Basin Fund (305 (b)).....	2,000	---	2,000	---	+2,000
Defense Nuclear Nonproliferation Construction					
Project 99-D-143 Rescission .....	---	---	-282,133	-282,133	-282,133
Naval Reactors Rescission .....	---	---	-6,000	-6,000	-6,000
Subtotal, General Provisions .....	2,000	---	-286,133	-288,133	-286,133
=====					
Total Summary of Accounts, Department of Energy...	39,625,025	46,646,300	44,855,624	+5,230,599	-1,790,676
=====					

1/ Totals include alternative financing costs, reimbursable agreement funding, and power purchase and wheeling expenditures. Offsetting collection totals reflect funds collected for annual expenses, including power purchase and wheeling

TITLE IV—INDEPENDENT AGENCIES  
APPALACHIAN REGIONAL COMMISSION

The agreement provides \$195,000,000 for the Appalachian Regional Commission (ARC). The following is the only direction for the Appalachian Regional Commission.

The agreement includes \$13,000,000 to address the substance abuse crisis that disproportionately affects Appalachia.

Within available funds, \$8,000,000 is for Local Development Districts.

Within available funds, not less than \$15,000,000 is for counties within the Northern Appalachian region to support economic development, manufacturing, and entrepreneurship.

Within available funds, \$65,000,000 is for the POWER Plan.

Within available funds, \$10,000,000 is provided to continue the program of high-speed broadband deployment in distressed counties within the Central Appalachian region that have been most negatively impacted by the downturn in the coal industry.

Within available funds, \$15,000,000 is provided to continue a program of high-speed broadband deployment in economically distressed counties within the North Central and Northern Appalachian regions.

Within available funds, not less than \$16,000,000 is provided for a program of industrial site and workforce development in Southern and South Central Appalachia, focused primarily on the automotive supplier sector and the aviation sector. Up to \$13,500,000 of that amount is for activities in Southern Appalachia. The funds shall be distributed to states that have distressed counties in Southern and South Central Appalachia using the ARC Area Development Formula.

Within available funds, \$16,000,000 is provided for a program of basic infrastructure improvements in distressed counties in Central Appalachia. Funds shall be distributed according to ARC's distressed counties formula and shall be in addition to the regular allocation to distressed counties.

The agreement reiterates House direction regarding high-poverty areas.

The agreement reiterates House direction regarding clean energy activities.

DEFENSE NUCLEAR FACILITIES SAFETY BOARD  
SALARIES AND EXPENSES

The agreement provides \$36,000,000 for the Defense Nuclear Facilities Safety Board.

DELTA REGIONAL AUTHORITY  
SALARIES AND EXPENSES

The agreement provides \$30,100,000 for the Delta Regional Authority.

Within available funds, the agreement includes not less than \$15,000,000 for flood control, basic public infrastructure development, and transportation improvements, which shall be allocated separate from the state formula funding method.

The agreement reiterates House direction regarding high-poverty areas.

The agreement reiterates House direction regarding clean energy activities.

DENALI COMMISSION

The agreement provides \$15,100,000 for the Denali Commission.

The agreement reiterates House direction regarding high-poverty areas.

The agreement reiterates House direction regarding clean energy activities.

NORTHERN BORDER REGIONAL COMMISSION

The agreement provides \$35,000,000 for the Northern Border Regional Commission.

Within available funds, not less than \$4,000,000 is for initiatives that seek to address the decline in forest-based economies throughout the region, \$1,000,000 is for the State Capacity Building Grant Program, and \$5,000,000 is for broadband initiatives.

The agreement reiterates House direction regarding high-poverty areas.

The agreement reiterates House direction regarding clean energy activities.

The agreement reiterates Senate direction regarding projects that demonstrate evidence of planning for climate resiliency.

SOUTHEAST CRESCENT REGIONAL COMMISSION

For expenses necessary for the Southeast Crescent Regional Commission in carrying out activities authorized by subtitle V of title 40, United States Code, \$5,000,000 to remain available until expended. The recent appointment and confirmation of a Federal Co-Chair is welcome news, and the agreement supports expeditiously moving forward to start up and establish the Commission.

SOUTHWEST BORDER REGIONAL COMMISSION

For expenses necessary for the Southwest Border Regional Commission in carrying out activities authorized by subtitle V of title 40, United States Code, \$2,500,000 to remain available until expended. The Administration is encouraged to promptly appoint a Federal Co-Chair in order to establish key partnerships with local communities and improve economic conditions and travel along the southwest border.

NUCLEAR REGULATORY COMMISSION  
SALARIES AND EXPENSES

The agreement provides \$873,901,000 for the Nuclear Regulatory Commission. This amount is offset by estimated revenues of \$745,258,000, resulting in a net appropriation of \$128,643,000.

*Integrated University Program.*—The Commission is directed to use \$16,000,000 of prior year, unobligated balances for the Integrated University Program, including for grants to support research projects that do not align with programmatic missions but are critical to maintaining the discipline of nuclear science and engineering. Because the Commission has already collected fees corresponding to these activities in prior years, the agreement does not include these funds within the fee base calculation for determining authorized revenues and does not provide authority to collect additional offsetting receipts for their use.

*Advanced Nuclear Reactor Regulatory Infrastructure.*—The agreement includes \$23,000,000 for the development of regulatory infrastructure for advanced nuclear technologies, which is not subject to the Commission's general fee recovery collection requirements.

(Dollars in thousands)

Account	Final Bill
Nuclear Reactor Safety.....	\$477,430
Integrated University Program.....	16,000
Nuclear Materials and Waste Safety.....	107,337
Decommissioning and Low-Level Waste.....	22,856
Corporate Support.....	266,278
Use of Prior-Year Balances.....	-16,000
<b>TOTAL, Nuclear Regulatory Commission.....</b>	<b>873,901</b>

OFFICE OF INSPECTOR GENERAL

The agreement provides \$13,799,000 for the Office of Inspector General in the Nuclear Regulatory Commission. This amount is offset by revenues of \$11,442,000, resulting in a net appropriation of \$2,357,000.

The agreement provides \$1,146,000 to provide inspector general services for the Defense Nuclear Facilities Safety Board.

NUCLEAR WASTE TECHNICAL REVIEW BOARD  
SALARIES AND EXPENSES

The agreement provides \$3,800,000 for the Nuclear Waste Technical Review Board.

## GENERAL PROVISIONS—INDEPENDENT AGENCIES

The agreement includes a provision instructing the Nuclear Regulatory Commission on responding to congressional requests for information.

The agreement includes a provision relating to reprogramming.

TITLE V—GENERAL PROVISIONS  
(INCLUDING TRANSFER OF FUNDS)

The agreement includes a provision relating to lobbying restrictions.

The agreement includes a provision relating to transfer authority. No additional transfer authority is implied or conveyed by this provision. For the purposes of this provision, the term “transfer” shall mean the shifting of all or part of the budget authority in one account to another. In addition to transfers provided in this Act or other appropriations Acts, and existing authorities, such as the Economy Act (31 U.S.C. 1535), by which one part of the United States Government may provide goods or services to another part, this Act allows transfers using section 4705 of the Atomic Energy Defense Act (50 U.S.C. 2745) and 15 U.S.C. 638 regarding SBIR/STTR.

The agreement includes a provision prohibiting funds to be used in contravention of the executive order entitled “Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations.”

The agreement includes a provision prohibiting the use of funds to establish or maintain a computer network unless such network blocks the viewing, downloading, and exchanging of pornography, except for law enforcement investigation, prosecution, or adjudication activities.

The agreement includes a provision making a technical correction to Public Law 117–58.



## DISCLOSURE OF EARMARKS AND CONGRESSIONALLY DIRECTED SPENDING ITEMS

Following is a list of congressional earmarks and congressionally directed spending items (as defined in clause 9 of rule XXI of the Rules of the House of Representatives and rule XLIV of the Standing Rules of the Senate, respectively) included in the bill or this explanatory statement, along with the name of each House Member, Senator, Delegate, or Resident Commissioner who submitted a request to the Committee of jurisdiction for each item so identified. For each item, a Member is required to provide a certification that neither the Member nor the Member's immediate family has a financial interest, and each Senator is required to provide a certification that neither the Senator nor the Senator's immediate family has a pecuniary interest in such congressionally directed spending item. Neither the bill nor the explanatory statement contains any limited tax benefits or limited tariff benefits as defined in the applicable House and Senate rules.

ENERGY AND WATER DEVELOPMENT

[Community Project Funding / Congressionally Directed Spending]

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### ENERGY AND WATER DEVELOPMENT

(Community Project Funding/Congressionally Directed Spending)

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Agency	Account	Project Name/Recipient	Budget Request	Additional Amount	Total Amount Provided	Requester(s)		Original Use
						House	Senate	
Army Corps of Engineers (Civil)	Construction	Acequias Environmental Infrastructure, NM; U.S. Army Corps of Engineers		\$1,500,000	\$1,500,000		Heinrich; Lujan	S
Army Corps of Engineers (Civil)	Construction	Beneficial Use of Dredged Material Pilot Program (Resilient San Francisco Bay Pilot Project, CA); U.S. Army Corps of Engineers		1,775,000	1,775,000		Fernstein; Padilla	S
Army Corps of Engineers (Civil)	Construction	Calaveras County, Section 219, CA; U.S. Army Corps of Engineers		1,000,000	1,000,000		Fernstein; Padilla	S
Army Corps of Engineers (Civil)	Construction	Calumet Region, IN; U.S. Army Corps of Engineers		10,000,000	10,000,000	Mrvan		H
Army Corps of Engineers (Civil)	Construction	Carolina Beach and Vicinity, NC; U.S. Army Corps of Engineers		2,000,000	2,000,000	Rouzer	Burr; Trilis	H/S
Army Corps of Engineers (Civil)	Construction	Chesapeake Bay Environmental Restoration & Protection Program, DC, DE, MD, NY, PA, VA, & WV; U.S. Army Corps of Engineers		5,750,000	5,750,000		Cardin	S
Army Corps of Engineers (Civil)	Construction	City of Lorain Environmental Infrastructure Sewer Project, OH; U.S. Army Corps of Engineers		3,375,000	3,375,000	Kaptur		H

ENERGY AND WATER DEVELOPMENT—Continued

[Community Project Funding/Congressionally Directed Spending]

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Agency	Account	Project Name, Recipient	Budget Request	Additional Amount	Total Amount Provided	Requestors:		Origination
						House	Senate	
Army Corps of Engineers (Civil)	Construction	City of Norwalk, Section 219, CA; U.S. Army Corps of Engineers		250,000	250,000		Feinstein	S
Army Corps of Engineers (Civil)	Construction	Columbia River Fish Mitigation, WA, OR, ID (CRFM); U.S. Army Corps of Engineers	\$ 3,575,000	34,800,000	38,375,000		Merkley, Wyden	S
Army Corps of Engineers (Civil)	Construction	Cumberland, MD & Ridgeley, WV; U.S. Army Corps of Engineers		390,000	390,000		Cardin	S
Army Corps of Engineers (Civil)	Construction	Dalles Tribal Village Development Plan, WA; U.S. Army Corps of Engineers		1,200,000	1,200,000		Cantwell; Merkley; Murray, Wyden	S
Army Corps of Engineers (Civil)	Construction	Delaware Bay Coastline, Oakwood Beach, NJ; U.S. Army Corps of Engineers		5,000,000	5,000,000		Menendez	S
Army Corps of Engineers (Civil)	Construction	Delaware Coast Protection, DE; U.S. Army Corps of Engineers		1,200,000	1,200,000		Carper, Coons	S
Army Corps of Engineers (Civil)	Construction	Delaware Coast, Cape Henlopen to Fenwick Island, DE; U.S. Army Corps of Engineers		4,000,000	4,000,000		Carper, Coons	S
Army Corps of Engineers (Civil)	Construction	Delaware Coast, Rehoboth Beach to Dewey Beach, DE; U.S. Army Corps of Engineers		7,650,000	7,650,000		Carper, Coons	S

Army Corps of Engineers (Civil)	Construction	Desert Hot Springs, Section 219, CA; U.S. Army Corps of Engineers		250,000	250,000		Feinstein	S
Army Corps of Engineers (Civil)	Construction	Ecorse Creek, Wayne County, MI; U.S. Army Corps of Engineers		1,675,000	1,675,000	Dingell, Harb		H
Army Corps of Engineers (Civil)	Construction	Fairfax Jersey Creek, KS; U.S. Army Corps of Engineers		4,000,000	4,000,000	Davids (KS)		H
Army Corps of Engineers (Civil)	Construction	Florida Keys Water Quality Improvement Project, FL; U.S. Army Corps of Engineers		6,000,000	6,000,000	Gimenez		H
Army Corps of Engineers (Civil)	Construction	Fort Pierce, FL; U.S. Army Corps of Engineers		10,549,000	10,549,000	Mast		H
Army Corps of Engineers (Civil)	Construction	Great Egg Harbor Inlet and Peck Beach (Ocean City), NJ; U.S. Army Corps of Engineers		17,000,000	17,000,000		Menendez	S
Army Corps of Engineers (Civil)	Construction	Hamilton Airfield Wetlands Restoration, CA; U.S. Army Corps of Engineers		1,000,000	1,000,000		Feinstein; Padilla	S
Army Corps of Engineers (Civil)	Construction	Harbor/South Bay, Los Angeles, CA; U.S. Army Corps of Engineers		3,790,000	3,790,000	Waters	Feinstein; Padilla	H/S
Army Corps of Engineers (Civil)	Construction	Indiana Harbor, Confined Disposal Facility, IN; U.S. Army Corps of Engineers	18,395,000		18,395,000	Mrvan		H
Army Corps of Engineers (Civil)	Construction	Indiana Shoreline, IN; U.S. Army Corps of Engineers		2,700,000	2,700,000	Mrvan		H
Army Corps of Engineers (Civil)	Construction	J Bennett Johnston Waterway, LA; U.S. Army Corps of Engineers		2,250,000	2,250,000	Letlow		H

ENERGY AND WATER DEVELOPMENT—Continued

[Community Project Funding/Congressionally Directed Spending]

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Agency	Account	Project Name; Recipient	Budget Request	Additional Amount	Total Amount Provided	Requestors:		Origination
						House	Senate	
Army Corps of Engineers (Civil)	Construction	Lake Champlain Basin (Section 542), VT; U.S. Army Corps of Engineers		5,250,000	5,250,000		Leahy	S
Army Corps of Engineers (Civil)	Construction	Lakes Marion and Moultrie, SC; U.S. Army Corps of Engineers		19,785,000	19,785,000	Clyburn	Graham	H/S
Army Corps of Engineers (Civil)	Construction	Madison and St. Clair Counties, IL; U.S. Army Corps of Engineers		6,025,000	6,025,000		Durbin	S
Army Corps of Engineers (Civil)	Construction	Marrtown Sanitary Sewer Extension, Section 219, WV; U.S. Army Corps of Engineers		3,110,000	3,110,000		Capito	S
Army Corps of Engineers (Civil)	Construction	Midwest City, OK; U.S. Army Corps of Engineers		5,000,000	5,000,000	Cole		H
Army Corps of Engineers (Civil)	Construction	Monarch-Chesterfield, MO; U.S. Army Corps of Engineers		12,600,000	12,600,000		Bruno	S
Army Corps of Engineers (Civil)	Construction	New River, Imperial County, CA; U.S. Army Corps of Engineers		500,000	500,000	Vargas	Fernstein; Padilla	H/S
Army Corps of Engineers (Civil)	Construction	Ohio Riverfront, Cincinnati, OH; U.S. Army Corps of Engineers		300,000	300,000		Brown	S

Army Corps of Engineers (Civil)	Construction	Otero, Bent, Crowley, Kiowa, and Powers Counties, Section 219, CO, U.S. Army Corps of Engineers		7,000,000	7,000,000		Bennel	S
Army Corps of Engineers (Civil)	Construction	Puget Sound and Adjacent Water Restoration (Spencer Island), WA; U.S. Army Corps of Engineers		5,000,000	5,000,000		Canfield	S
Army Corps of Engineers (Civil)	Construction	Sacramento Area Environmental Infrastructure (City of Folsom), CA; U.S. Army Corps of Engineers		75,000	75,000	Bera		H
Army Corps of Engineers (Civil)	Construction	Sacramento Area Environmental Infrastructure (Orangevale), CA; U.S. Army Corps of Engineers		75,000	75,000	Bera		H
Army Corps of Engineers (Civil)	Construction	Sacramento Area Environmental Infrastructure (Roseville-PCWA Cooperative Water Reliability, Section 219), CA; U.S. Army Corps of Engineers		75,000	75,000		Feinstein, Padilla	S
Army Corps of Engineers (Civil)	Construction	San Clemente Shoreline, CA; U.S. Army Corps of Engineers		9,306,000	9,306,000	Levin (CA)		H
Army Corps of Engineers (Civil)	Construction	Section 569, Environmental Infrastructure, City of Biwabik, MN; U.S. Army Corps of Engineers		926,000	926,000		Klobuchar	S
Army Corps of Engineers (Civil)	Construction	Section 569, Environmental Infrastructure, Virginia Street, MN; U.S. Army Corps of Engineers		926,000	926,000		Klobuchar	S
Army Corps of Engineers (Civil)	Construction	Shepherdstown System Improvements, Section 571, WV; U.S. Army Corps of Engineers		1,668,000	1,668,000		Capito	S

ENERGY AND WATER DEVELOPMENT—Continued

(Community Project Funding/Congressionally Directed Spending)

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Agency	Account	Project Name; Recipient	Budget Request	Additional Amount	Total Amount Provided	Requestor(s)		Origination
						House	Senate	
Army Corps of Engineers (Civil)	Construction	South Central Pennsylvania Environmental Improvement (Confluence Borough Municipal Authority Water Quality Project), PA; U.S. Army Corps of Engineers		3,246,000	3,246,000	Joyce (PA)		H
Army Corps of Engineers (Civil)	Construction	South Florida Ecosystem Restoration, FL; U.S. Army Corps of Engineers	350,000,000		350,000,000	Mast		H
Army Corps of Engineers (Civil)	Construction	Southern and Eastern Kentucky, KY (Martin County); U.S. Army Corps of Engineers		1,500,000	1,500,000	Rogers (KY)		H
Army Corps of Engineers (Civil)	Construction	Southwest Coastal Louisiana Hurricane Protection, LA; U.S. Army Corps of Engineers		10,000,000	10,000,000	Higgins (LA)	Cassidy	H/S
Army Corps of Engineers (Civil)	Construction	Surfside-Sunset Newport Beach, CA; U.S. Army Corps of Engineers		15,500,000	15,500,000	Steel		H
Army Corps of Engineers (Civil)	Construction	Townsend's Inlet to Cape May Inlet, NJ; U.S. Army Corps of Engineers		15,500,000	15,500,000	Van Drew	Booker; Menendez	H/S
Army Corps of Engineers (Civil)	Construction	Tres Rios, AZ; U.S. Army Corps of Engineers		1,841,000	1,841,000	Stanton		H



Army Corps of Engineers (Civil)	Construction	Upper Mississippi River--Illinois WW System. IL, IA, MN, MO & WI; U.S. Army Corps of Engineers		45,100,000	45,100,000	Bustos; Graves (MO); Hinson; Luetkemeyer	Baldwin, Blunt; Duckworth; Durbin; Klobuchar	H/S
Army Corps of Engineers (Civil)	Construction	Upper Ohio Navigation. PA; U.S. Army Corps of Engineers		12,800,000	12,800,000		Casey	S
Army Corps of Engineers (Civil)	Construction	Western Rural Water. AZ, NV, MT, ID, NM, UT & WY (Arizona Environmental Infrastructure, AZ); U.S. Army Corps of Engineers		4,000,000	4,000,000	Stanton		H
Army Corps of Engineers (Civil)	Construction	Western Rural Water. AZ, NV, MT, ID, NM, UT & WY (Arizona Environmental Infrastructure, AZ--City of Tolleson); U.S. Army Corps of Engineers		638,000	638,000	Gallego		H
Army Corps of Engineers (Civil)	Construction	Wheeling Elm Run Flash Flooding. Section 219, WV; U.S. Army Corps of Engineers		546,000	546,000		Capito; Manchin	S
Army Corps of Engineers (Civil)	Construction	Willamette River at Willamette Falls. OR; U.S. Army Corps of Engineers		6,200,000	6,200,000	Schrader	Merkley; Wyden	H/S
Army Corps of Engineers (Civil)	Construction/Section 14	Chickasaw Park Louisville/Jefferson Co. KY (CAP SEC 14); KY; U.S. Army Corps of Engineers		50,000	50,000	Yarmuth		H
Army Corps of Engineers (Civil)	Construction/Section 14	Kanawha River Streambank Stabilization, WV; U.S. Army Corps of Engineers		1,836,000	1,836,000		Manchin	S
Army Corps of Engineers (Civil)	Construction/Section 14	Morgan State University Stadium Way Slope Stabilization, MD; U.S. Army Corps of Engineers		50,000	50,000		Van Hollen	S

ENERGY AND WATER DEVELOPMENT—Continued

(Community Project Funding/Congressionally Directed Spending)

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Agency	Account	Project Name, Recipient	Budget Request	Additional Amount	Total Amount Provided	Requestor(s)		Origination
						House	Senate	
Army Corps of Engineers (Civil)	Construction/Section 14	Watch Hill Lighthouse, RI; U.S. Army Corps of Engineers		50,000	50,000		Reed	S
Army Corps of Engineers (Civil)	Construction/Section 103	Reel Point Preserve, Town of Shelter Island, NY; U.S. Army Corps of Engineers		50,000	50,000	Zeldin		H
Army Corps of Engineers (Civil)	Construction/Section 103	Rondout Riverport, City of Kingston, NY; U.S. Army Corps of Engineers		100,000	100,000		Schumer	S
Army Corps of Engineers (Civil)	Construction/Section 103	Rose Larrisa Park, RI; U.S. Army Corps of Engineers		50,000	50,000		Reed, Whitehouse	S
Army Corps of Engineers (Civil)	Construction/Section 103	Wading River Creek, Town of Riverhead, NY; U.S. Army Corps of Engineers		50,000	50,000	Zeldin		H
Army Corps of Engineers (Civil)	Construction/Section 107	Port of Muskegon, MI; U.S. Army Corps of Engineers		100,000	100,000		Peters, Stabenow	S
Army Corps of Engineers (Civil)	Construction/Section 107	Sturgeon Point, Town of Evans, NY; U.S. Army Corps of Engineers		100,000	100,000	Jacobs	Schumer	S
Army Corps of Engineers (Civil)	Construction/Section 205	Lower Santa Cruz River, Eloy Levee, AZ; U.S. Army Corps of Engineers		100,000	100,000		Kelly, Sinema	S

Army Corps of Engineers (Civil)	Construction/Section 705	McCormick Wash. Globe, AZ. U.S. Army Corps of Engineers		100,000	100,000	O'Halleran	Kelly; Sinema	H/S
Army Corps of Engineers (Civil)	Construction/Section 205	River Road, Town of Rosendale, NY. U.S. Army Corps of Engineers		100,000	100,000		Schumer	S
Army Corps of Engineers (Civil)	Construction/Section 705	Rose and Palm Garden Washes Flood Control Project, AZ. U.S. Army Corps of Engineers		100,000	100,000	Kirkpatrick	Kelly; Sinema	H/S
Army Corps of Engineers (Civil)	Construction/Section 205	Salmon River, NY. U.S. Army Corps of Engineers		50,000	50,000	Stefanik		H
Army Corps of Engineers (Civil)	Construction/Section 1135	Osage River Ecosystem Restoration, Tusculumbia, MD & Miller County, MO. U.S. Army Corps of Engineers		300,000	300,000	Luetkemeyer		H
Army Corps of Engineers (Civil)	Investigations	Adams & Denver Counties, South Platte River, CO. U.S. Army Corps of Engineers		400,000	400,000		Bennet; Hickenlooper	S
Army Corps of Engineers (Civil)	Investigations	Caro Martin Pena Ecosystem Restoration, PR. U.S. Army Corps of Engineers	2,150,000		2,150,000	Gonzalez-Colon		H
Army Corps of Engineers (Civil)	Investigations	Columbia River Turning Basin Navigation Improvements, WA & OR. U.S. Army Corps of Engineers		200,000	200,000	Herrera Beutler	Cantwell; Murray	H/S
Army Corps of Engineers (Civil)	Investigations	Fort Pierce, St. Lucie County, FL. U.S. Army Corps of Engineers		400,000	400,000	Mast		H
Army Corps of Engineers (Civil)	Investigations	Great Lakes Coastal Resiliency Study, IL, IN, MI, MN, NY, OH, PA and WI. U.S. Army Corps of Engineers	500,000		500,000	Joyce (OH); Katko		H

**ENERGY AND WATER DEVELOPMENT—Continued**

(Community Project Funding/Congressionally Directed Spending)

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Agency	Account	Project Name: Recipient	Budget Request	Additional Amount	Total Amount Provided	Requestors)		Origination
						House	Senate	
Army Corps of Engineers (Civil)	Investigations	Hartford and East Hartford, CT: U.S. Army Corps of Engineers		200,000	200,000	Larson (CT)	Blumenthal; Murphy	H/S
Army Corps of Engineers (Civil)	Investigations	Honolulu Harbor Modification Feasibility Study, HI: U.S. Army Corps of Engineers		800,000	800,000	Case	Hirono; Schatz	H/S
Army Corps of Engineers (Civil)	Investigations	Houma Navigation Canal, LA: U.S. Army Corps of Engineers		350,000	350,000	Graves (LA)		H
Army Corps of Engineers (Civil)	Investigations	Hudson Raritan Estuary Ecosystem Restoration, NY and NJ: U.S. Army Corps of Engineers		1,200,000	1,200,000		Menendez; Schumer	S
Army Corps of Engineers (Civil)	Investigations	Ill River 519 Fox River Dams Restoration, IL: U.S. Army Corps of Engineers		250,000	250,000		Durbin	S
Army Corps of Engineers (Civil)	Investigations	Imperial Streams, Salton Sea, CA: U.S. Army Corps of Engineers		200,000	200,000	Ruiz; Vargas	Feinstein; Padilla	H/S
Army Corps of Engineers (Civil)	Investigations	Kentucky River, Beatyville, KY: U.S. Army Corps of Engineers		450,000	450,000	Rogers (KY)		H
Army Corps of Engineers (Civil)	Investigations	Little Colorado River, Winslow, AZ: U.S. Army Corps of Engineers		500,000	500,000	O'Halleran	Kelly; Sinema	H/S
Army Corps of Engineers (Civil)	Investigations	Los Angeles River Ecosystem Restoration, CA: U.S. Army Corps of Engineers	1,693,000		1,693,000	Gomez		H

Army Corps of Engineers (Civil)	Investigations	Lowell Creek (Tunnel) Flood Diversion, AK U.S. Army Corps of Engineers		3,000,000	3,000,000	Young	Murkowski	H/S
Army Corps of Engineers (Civil)	Investigations	Lower Missouri Basin-- Brunswick L-246, MO; U.S. Army Corps of Engineers		300,000	300,000	Graves (MO)	Blunt	H/S
Army Corps of Engineers (Civil)	Investigations	Lower Missouri Basin--Holt County, MO, Doniphan County, KS; U.S. Army Corps of Engineers		100,000	100,000	Graves (MO)	Blunt	H/S
Army Corps of Engineers (Civil)	Investigations	Lower Missouri Basin--Jefferson City L-142, MO; U.S. Army Corps of Engineers		200,000	200,000	Luetkemeyer	Blunt	H/S
Army Corps of Engineers (Civil)	Investigations	Lower Rio Grande Valley Watershed Assessment, TX; U.S. Army Corps of Engineers		200,000	200,000	Vela		H
Army Corps of Engineers (Civil)	Investigations	Lower San Joaquin (Lathrop & Manteca), CA; U.S. Army Corps of Engineers		200,000	200,000	McNerney	Feinstein; Padilla	H/S
Army Corps of Engineers (Civil)	Investigations	Menominee River Deepening, MI & WI; U.S. Army Corps of Engineers		200,000	200,000		Baldwin, Peters; Stabenow	S
Army Corps of Engineers (Civil)	Investigations	New York and New Jersey Harbor Anchorages, NY & NJ; U.S. Army Corps of Engineers		1,125,000	1,125,000		Menendez	S
Army Corps of Engineers (Civil)	Investigations	Northern California Streams, Lower Cache Creek, Yolo County, Woodland & Vicinity, CA; U.S. Army Corps of Engineers		2,000,000	2,000,000	Garamendi	Feinstein; Padilla	H/S

ENERGY AND WATER DEVELOPMENT—Continued

[Community Project Funding/Congressionally Directed Spending]

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Agency	Account	Project Name- Recipient	Budget Request	Additional Amount	Total Amount Provided	Requestor(s)		Origination
						House	Senate	
Army Corps of Engineers (Civil)	Investigations	Port Fourchon Belle Pass Channel, LA; U.S. Army Corps of Engineers		300,000	300,000	Scalise	Cassidy	H/S
Army Corps of Engineers (Civil)	Investigations	Port of Iberia, LA; U.S. Army Corps of Engineers		1,200,000	1,200,000	Higgins (LA)		H
Army Corps of Engineers (Civil)	Investigations	San Francisco Waterfront Storm Damage Reduction Study, CA; U.S. Army Corps of Engineers		200,000	200,000	Pelosi		H
Army Corps of Engineers (Civil)	Investigations	Santa Paula Creek, CA; U.S. Army Corps of Engineers		200,000	200,000	Brownley	Ferstein	H/S
Army Corps of Engineers (Civil)	Investigations	St. Augustine Back Bay, FL; U.S. Army Corps of Engineers		200,000	200,000	Rutherford		H
Army Corps of Engineers (Civil)	Investigations	Tennessee Tombigbee Waterway and Black Warrior and Tombigbee Rivers Deepening Study, AL & MS; U.S. Army Corps of Engineers		400,000	400,000		Shelby	S
Army Corps of Engineers (Civil)	Investigations	Upper Des Plaines River Flooding and Restoration, IL; U.S. Army Corps of Engineers		1,525,000	1,525,000		Durbin	S
Army Corps of Engineers (Civil)	Investigations	Upper Turkey Creek Basin Design, Merriam, KS; U.S. Army Corps of Engineers		500,000	500,000	Davids (KS)		H

Army Corps of Engineers (Civil)	Investigations	Watertown Flood Risk Management Feasibility Study, SD; U.S. Army Corps of Engineers		200,000	200,000		Rounds	S
Army Corps of Engineers (Civil)	Investigations	Willamette River Environmental Dredging, OR; U.S. Army Corps of Engineers		732,000	732,000	Blumenauer	Merkley, Wyden	H/S
Army Corps of Engineers (Civil)	Investigations	Wilmington Harbor Navigation Improvements, NC; U.S. Army Corps of Engineers		500,000	500,000	Rouzer	Burr, Tillis	H/S
Army Corps of Engineers (Civil)	Mississippi River and Tributaries	Bayou Meto Basin, AR; U.S. Army Corps of Engineers		24,000,000	24,000,000		Boozman	S
Army Corps of Engineers (Civil)	Mississippi River and Tributaries	Channel Improvement, AR, IL, KY, LA, MS, MO & TN (Tom Lee Park); U.S. Army Corps of Engineers		3,000,000	3,000,000	Cohen		H
Army Corps of Engineers (Civil)	Mississippi River and Tributaries	Grand Prairie Region, AR; U.S. Army Corps of Engineers		13,000,000	13,000,000		Boozman	S
Army Corps of Engineers (Civil)	Mississippi River and Tributaries	Lower Mississippi River Comprehensive Management Study; U.S. Army Corps of Engineers		5,000,000	5,000,000	Graves (LA)		H
Army Corps of Engineers (Civil)	Mississippi River and Tributaries	Morganza to the Gulf, LA; U.S. Army Corps of Engineers		19,333,000	19,333,000	Graves (LA); Scalise	Cassidy	H/S
Army Corps of Engineers (Civil)	Mississippi River and Tributaries	Yazoo Basin, Delta Headwaters Project, MS; U.S. Army Corps of Engineers		12,900,000	12,900,000		Hyde-Smith	S
Army Corps of Engineers (Civil)	Mississippi River and Tributaries	Yazoo Basin, Upper Yazoo, MS; U.S. Army Corps of Engineers		2,500,000	2,500,000		Hyde-Smith	S

ENERGY AND WATER DEVELOPMENT—Continued

[Community Project Funding/Congressionally Directed Spending]

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Agency	Account	Project Name, Recipient	Budget Request	Additional Amount	Total Amount Provided	Requestors		Originator
						House	Senate	
Army Corps of Engineers (Civil)	Mississippi River and Tributaries	Yazoo Basin, Yazoo Backwater Area, MS; U.S. Army Corps of Engineers		7,000,000	7,000,000		Hyde-Smith; Wicker	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Alabama River Lakes, AL; U.S. Army Corps of Engineers	15,252,000	8,380,000	22,672,000		Shelby	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Barcelona Harbor, NY; U.S. Army Corps of Engineers		1,150,000	1,150,000		Gillibrand; Schumer	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Bayou Caden, AL; U.S. Army Corps of Engineers		3,000,000	3,000,000		Shelby	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Bayou La Batre, AL; U.S. Army Corps of Engineers	36,000	4,972,000	5,008,000		Shelby	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Black Warrior and Tombigbee (BWT) Rivers, AL; U.S. Army Corps of Engineers	24,652,000	3,200,000	27,852,000		Shelby	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Bon Secour River, AL; U.S. Army Corps of Engineers		4,493,000	4,493,000		Shelby	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Brown's Creek, NY; U.S. Army Corps of Engineers		250,000	250,000	Garbanno		H
Army Corps of Engineers (Civil)	Operation and Maintenance	Burns Waterway Harbor, IN; U.S. Army Corps of Engineers	1,561,000		1,561,000	Mryan		H



Army Corps of Engineers (Civil)	Operation and Maintenance	Callaraugus Harbor, NY: U.S. Army Corps of Engineers		1,000,000	1,000,000		Gillibrand, Schumer	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Channel Islands Harbor, CA: U.S. Army Corps of Engineers	6,320,000	8,696,000	15,016,000	Brownley	Feinstein	H/S
Army Corps of Engineers (Civil)	Operation and Maintenance	Cole Rivers Hatchery, Applegate Lake, OR: U.S. Army Corps of Engineers		207,000	207,000		Merkley, Wyden	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Cole Rivers Hatchery, Lost Creek Lake, OR: U.S. Army Corps of Engineers		1,612,000	1,612,000		Merkley, Wyden	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Conneaut Harbor, OH: U.S. Army Corps of Engineers	2,764,000		2,764,000	Joyce (OH)		H
Army Corps of Engineers (Civil)	Operation and Maintenance	Coos Bay, OR (Major Maintenance): U.S. Army Corps of Engineers		6,889,000	6,889,000	DeFazio	Merkley, Wyden	H/S
Army Corps of Engineers (Civil)	Operation and Maintenance	Dauphin Island Bay, AL: U.S. Army Corps of Engineers		3,023,000	3,023,000	Carl	Shelby	H/S
Army Corps of Engineers (Civil)	Operation and Maintenance	Dunkirk Harbor, NY: U.S. Army Corps of Engineers	680,000	5,250,000	5,930,000		Gillibrand, Schumer	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Fairport Harbor, OH: U.S. Army Corps of Engineers	3,880,000		3,880,000	Joyce (OH)		H
Army Corps of Engineers (Civil)	Operation and Maintenance	Fox Point Hurricane Barrier, RI: U.S. Army Corps of Engineers	704,000	225,000	929,000		Reed	S
Army Corps of Engineers (Civil)	Operation and Maintenance	George's River, ME: U.S. Army Corps of Engineers		75,000	75,000		Collins	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Houston Ship Channel (DMMP), TX: U.S. Army Corps of Engineers		1,500,000	1,500,000	Jackson Lee		H

ENERGY AND WATER DEVELOPMENT—Continued

(Community Project Funding/Congressionally Directed Spending)

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						House	Senate	
Army Corps of Engineers (Civil)	Operation and Maintenance	Indiana Harbor, IN: U.S. Army Corps of Engineers	8,196,000		8,196,000	Mrvan		H
Army Corps of Engineers (Civil)	Operation and Maintenance	Intracoastal Waterway (IWW)— Jacksonville to Miami, FL: U.S. Army Corps of Engineers	4,380,000	1,620,000	6,000,000	Mast		H
Army Corps of Engineers (Civil)	Operation and Maintenance	Intracoastal Waterway (IWW) Caloosahatchee River to Anclote River, FL: U.S. Army Corps of Engineers		2,500,000	2,500,000	Steube		H
Army Corps of Engineers (Civil)	Operation and Maintenance	Isle au Haut Thoroughfare, ME: U.S. Army Corps of Engineers		100,000	100,000		Collins; King	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Kanawha River Locks and Dams, WV: U.S. Army Corps of Engineers	17,043,000	6,900,000	23,943,000		Capito	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Lake Providence Harbor, LA: U.S. Army Corps of Engineers	1,332,000		1,332,000	Lettow		H
Army Corps of Engineers (Civil)	Operation and Maintenance	Little Sodus Bay Harbor, NY: U.S. Army Corps of Engineers	6,900,000	1,000,000	1,000,000		Schumer	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Lockwoods Folly River, NC: U.S. Army Corps of Engineers		1,050,000	1,050,000	Rouzer	Burr	H

Army Corps of Engineers (Civil)	Operation and Maintenance	Long Island Intracoastal Waterway, NY; U.S. Army Corps of Engineers		8,500,000	8,500,000	Zeldin		H
Army Corps of Engineers (Civil)	Operation and Maintenance	Maurice River, NJ; U.S. Army Corps of Engineers	4,010,000		4,010,000	Van Drew		H
Army Corps of Engineers (Civil)	Operation and Maintenance	Merrimack Spur Jetty, MA; U.S. Army Corps of Engineers		240,000	240,000		Markey; Warren	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Mobile Harbor, AL; U.S. Army Corps of Engineers	30,212,000	32,000,000	62,212,000		Shelby	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Mount St. Helens Sediment Control, WA; U.S. Army Corps of Engineers	918,000		918,000	Herrera Beutler		H
Army Corps of Engineers (Civil)	Operation and Maintenance	Oswego Harbor, NY (West Arrowhead Breakwater); U.S. Army Corps of Engineers		300,000	300,000		Schumer	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Perdido Pass Channel, AL; U.S. Army Corps of Engineers		2,000,000	2,000,000		Shelby	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Pocomoke River, MD; U.S. Army Corps of Engineers		8,000	8,000		Cardin	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Rollinson Channel, NC; U.S. Army Corps of Engineers	30,000	1,670,000	1,700,000		Burr	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Rudee Inlet, VA; U.S. Army Corps of Engineers		580,000	580,000		Kaine; Warner	S
Army Corps of Engineers (Civil)	Operation and Maintenance	San Joaquin River (Port of Stockton), CA; U.S. Army Corps of Engineers	7,425,000	2,250,000	5,040,000	McNerney		H
Army Corps of Engineers (Civil)	Operation and Maintenance	Santa Ana River Basin, CA; U.S. Army Corps of Engineers	6,572,000	2,500,000	9,072,000	Calvert		H

ENERGY AND WATER DEVELOPMENT—Continued

(Community Project Funding/Congressionally Directed Spending)

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						House	Senate	
Army Corps of Engineers (Civil)	Operation and Maintenance	Santa Cruz Harbor, CA; U.S. Army Corps of Engineers	15,000	525,000	540,000		Feinstein; Padilla	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Searsport Harbor, ME; U.S. Army Corps of Engineers	4,200,000	1,650,000	5,850,000		Collins	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Shoal Harbor and Compton Creek, NJ; U.S. Army Corps of Engineers		8,000,000	8,000,000	Pallone		H
Army Corps of Engineers (Civil)	Operation and Maintenance	South Haven Harbor, MI; U.S. Army Corps of Engineers	500,000	1,000,000	1,500,000		Stabenow	S
Army Corps of Engineers (Civil)	Operation and Maintenance	St. Lucie Inlet (South Jetty Rehabilitation), FL; U.S. Army Corps of Engineers		4,800,000	4,800,000	Mast		H
Army Corps of Engineers (Civil)	Operation and Maintenance	St. Lucie Inlet, FL; U.S. Army Corps of Engineers		5,750,000	5,750,000	Mast		H
Army Corps of Engineers (Civil)	Operation and Maintenance	St. Patrick's Creek, MD; U.S. Army Corps of Engineers		2,070,000	2,070,000	Hoyer		H
Army Corps of Engineers (Civil)	Operation and Maintenance	St. Paul Small Boat Harbor, MN; U.S. Army Corps of Engineers		500,000	500,000	McCollum	Klobuchar; Smith	H/S
Army Corps of Engineers (Civil)	Operation and Maintenance	Tennessee--Tombigbee Waterway (TTWW), AL and MS; U.S. Army Corps of Engineers	28,986,000	4,000,000	31,276,000		Shelby	S

Army Corps of Engineers (Civil)	Operation and Maintenance	Tuttle Creek Lake, KS; U.S. Army Corps of Engineers	12,373,000	1,300,000	4,423,000		Moran	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Two Rivers Harbor, WI; U.S. Army Corps of Engineers		20,000	20,000		Baldwin	S
Army Corps of Engineers (Civil)	Operation and Maintenance	Ventura Harbor, CA; U.S. Army Corps of Engineers	3,370,000	2,146,000	5,516,000	Brownley	Feinstein; Padilla	H/S
Army Corps of Engineers (Civil)	Operation and Maintenance	Westport Harbor & Sagatuck River, CT; U.S. Army Corps of Engineers		2,810,000	2,810,000	Himes	Blumenthal; Murphy	H/S
Army Corps of Engineers (Civil)	Operation and Maintenance	Woonsocket Local Protection Project, RI; U.S. Army Corps of Engineers	543,000	125,000	668,000		Reed	S
Department of the Interior	Bureau of Reclamation, Water and Related Resources	East to West Conveyance Project (SJR to DMC) Appraisal Study; Bureau of Reclamation		500,000	500,000	Harder (CA)		H
Department of the Interior	Bureau of Reclamation, Water and Related Resources	Eastern New Mexico Water Supply - Ute Reservoir; Bureau of Reclamation	7,790,000	9,610,000	17,400,000		Heinrich	S
Department of the Interior	Bureau of Reclamation, Water and Related Resources	Island Main Lateral Concrete Lining Project; Bureau of Reclamation		798,000	798,000	Gonzales		H
Department of the Interior	Bureau of Reclamation, Water and Related Resources	Klamath Project, SCADA Acquisition, OR; Bureau of Reclamation		5,000,000	5,000,000		Merkley; Wyden	S
Department of the Interior	Bureau of Reclamation, Water and Related Resources	Lake Mead/Las Vegas Wash Prgm; Bureau of Reclamation	595,000	3,060,000	3,655,000	Lee (NV)	Cortez Masto; Rosen	H/S

ENERGY AND WATER DEVELOPMENT—Continued

[Community Project Funding/Congressionally Directed Spending]

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						House	Senate	
Department of the Interior	Bureau of Reclamation, Water and Related Resources	Lewis and Clark Rural Water System, IA, MN, SD; Bureau of Reclamation	9,270,000	12,694,000	21,914,000		Klobuchar; Rounds; Smith; Thune	S
Department of the Interior	Bureau of Reclamation, Water and Related Resources	Los Banos Creek Appraisal Study; Bureau of Reclamation		500,000	500,000	Costa	Feinstein; Padilla	H/S
Department of the Interior	Bureau of Reclamation, Water and Related Resources	Navajo-Gallup Water Supply Project; Bureau of Reclamation	56,342,000	11,000,000	67,342,000	Leger Fernandez		H
Department of the Interior	Bureau of Reclamation, Water and Related Resources	Odessa Subarea, WA; Bureau of Reclamation	1,500,000	500,000	2,000,000	Newhouse; Rodgers (WA)	Cantwell	H/S
Department of the Interior	Bureau of Reclamation, Water and Related Resources	Sacramento River Basin Flood Plain Reactivation; Bureau of Reclamation		5,000,000	5,000,000	Garamendi	Feinstein; Padilla	H/S
Department of the Interior	Bureau of Reclamation, Water and Related Resources	Sacramento River Fish Screen Program; Bureau of Reclamation		3,900,000	3,900,000		Feinstein; Padilla	S
Department of the Interior	Bureau of Reclamation, Water and Related Resources	Salton Sea Research Project; Bureau of Reclamation	2,000,000	546,000	2,546,000	Vargas		H

Department of the Interior	Bureau of Reclamation, Water and Related Resources	San Gabriel Basin Restoration Fund, Bureau of Reclamation		10,000,000	10,000,000	Chu, Napolitano	Feinstein, Padilla	H/S
Department of the Interior	Bureau of Reclamation, Water and Related Resources	Upper Yakima Bull Trout Research Facility, WA, Bureau of Reclamation		700,000	700,000		Murray	S
Department of the Interior	Bureau of Reclamation, Water and Related Resources	Wapato Irrigation Project, WA, Bureau of Reclamation	1,040,000	950,000	1,990,000		Cantwell	S
Department of Energy	Cybersecurity, Energy Security, and Emergency Response	Emerging Threat Information Sharing and Analysis Center, University of Arkansas Little Rock, University of Arkansas at Little Rock		1,000,000	1,000,000		Boozman	S
Department of Energy	Cybersecurity, Energy Security, and Emergency Response	Oakland University Cybersecurity Center, Automation Alley		2,000,000	2,000,000		Stabenow	S
Department of Energy	Energy Efficiency and Renewable Energy	Accelerating Heat Pump Adoption by Lower-Income Households, Alaska Heat Smart		420,000	420,000		Murkowski	S
Department of Energy	Energy Efficiency and Renewable Energy	Asia-Pacific Microgrid Development and Training, Hawaii Natural Energy Institute, University of Hawaii		1,000,000	1,000,000		Hirono	S
Department of Energy	Energy Efficiency and Renewable Energy	Blue Earth County's Energy Efficiency Project, Blue Earth County		4,330,000	4,330,000		Klobuchar, Smith	S
Department of Energy	Energy Efficiency and Renewable Energy	Built to Last Pilot Project, Philadelphia Energy Authority		2,100,000	2,100,000		Casey	S

ENERGY AND WATER DEVELOPMENT—Continued

(Community Project Funding/Congressionally Directed Spending)

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						House	Senate	
Department of Energy	Energy Efficiency and Renewable Energy	Chicago Clean Energy Retrofits Program: City of Chicago		500,000	500,000		Durbin	S
Department of Energy	Energy Efficiency and Renewable Energy	Cogency Power Solar Project: Town of Rangely		5,000,000	5,000,000		Bennet, Hickenlooper	S
Department of Energy	Energy Efficiency and Renewable Energy	Community of Hope Solar Parking Structure: Mesilla Valley Community of Hope		200,000	200,000		Lujan	S
Department of Energy	Energy Efficiency and Renewable Energy	Cully Community Solar Pilot: Verde		344,000	344,000		Merkley, Wyden	S
Department of Energy	Energy Efficiency and Renewable Energy	Derry Landfill Solar Project: Town of Derry		500,000	500,000		Shaheen	S
Department of Energy	Energy Efficiency and Renewable Energy	Development of an Electric Vehicle Associate's Degree Curriculum Standards and Educational Materials for Automotive Educators and Technicians Nationwide: West Virginia University		1,000,000	1,000,000		Capito	S
Department of Energy	Energy Efficiency and Renewable Energy	District Energy Construction: Burlington Electric Department		5,166,000	5,166,000		Leahy	S
Department of Energy	Energy Efficiency and Renewable Energy	Ductless Heat Pump Installation: Verde		301,000	301,000		Merkley, Wyden	S



Department of Energy	Energy Efficiency and Renewable Energy	DWCPA Hydrokinetic Energy Harvester, Detroit/Wayne County Port Authority		680,000	680,000		Peters, Stabenow	S
Department of Energy	Energy Efficiency and Renewable Energy	DWCPA Solar Energy Project, Detroit/Wayne County Port Authority		200,000	200,000		Peters	S
Department of Energy	Energy Efficiency and Renewable Energy	Electric Future for America's Rural Mobility Stakeholders (E-FARMS), Forth		1,500,000	1,500,000		Merkley, Wyden	S
Department of Energy	Energy Efficiency and Renewable Energy	Electrical Substation for Garrison Oak Business and Technology Park, City of Dover		5,000,000	5,000,000		Carper, Coons	S
Department of Energy	Energy Efficiency and Renewable Energy	Energy Efficient Community Cross-Laminated Timber Demonstration Project/Wood-fiber Insulated Panels for Modular Construction and Retrofit Applications, University of Maine System		2,000,000	2,000,000		Collins, King	S
Department of Energy	Energy Efficiency and Renewable Energy	Energy Improvements for Rhode Island Schools, Rhode Island Office of Energy Resources		5,000,000	5,000,000		Reed	S
Department of Energy	Energy Efficiency and Renewable Energy	Enhanced Biogas Collection and Energy Recovery Project, Narragansett Bay Commission		2,900,000	2,900,000		Reed, Whitehouse	S
Department of Energy	Energy Efficiency and Renewable Energy	Evanston Accessible Solar Program, City of Evanston		500,000	500,000		Durbin	S
Department of Energy	Energy Efficiency and Renewable Energy	Expanding Solar Research and Generation for a Brighter Energy Future, University of Vermont		150,000	150,000		Sanders	S

ENERGY AND WATER DEVELOPMENT—Continued

(Community Project Funding/Congressionally Directed Spending)

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						House	Senate	
Department of Energy	Energy Efficiency and Renewable Energy	Fuel for Seniors; Energy Efficiency; The Towers Foundation		288,000	288,000		Blumenthal; Murphy	S
Department of Energy	Energy Efficiency and Renewable Energy	Grid Resilience and Equity in the Energy Transition; University of Massachusetts at Amherst		995,000	995,000		Markey; Warren	S
Department of Energy	Energy Efficiency and Renewable Energy	Hanover LED Streetlight Conversion; Town of Hanover		271,000	271,000		Shaheen	S
Department of Energy	Energy Efficiency and Renewable Energy	Heartland Green Energy and Manufacturing Valley Initiative; Southern Ohio Diversification Initiative		500,000	500,000		Brown	S
Department of Energy	Energy Efficiency and Renewable Energy	Heat Recovery System; City of Togak		659,000	659,000		Murkowski	S
Department of Energy	Energy Efficiency and Renewable Energy	Hybrid Solar Testing Platform for Cold Weather Climates; University of Vermont		4,000,000	4,000,000		Leahy	S
Department of Energy	Energy Efficiency and Renewable Energy	Kauai North Shore Energy Resiliency Project; Kauai Island Utility Cooperative		1,000,000	1,000,000		Schalz	S
Department of Energy	Energy Efficiency and Renewable Energy	Kivalina Biomass Reactor; City of Kivalina		100,000	100,000		Murkowski	S

Department of Energy	Energy Efficiency and Renewable Energy	Kicklat Valley Health Central Utility Plant Modernization; Kicklat Valley Health		2,500,000	2,500,000		Murray	S
Department of Energy	Energy Efficiency and Renewable Energy	Makushin Geothermal Project; Qawalangin Tribe of Unalaska		2,500,000	2,500,000		Murkowski	S
Department of Energy	Energy Efficiency and Renewable Energy	Marquette Affordable Solar Clean Energy Planning Grant; Community Action Alger-Marquette		100,000	100,000		Stabenow	S
Department of Energy	Energy Efficiency and Renewable Energy	Microgrid Integration with Biomass Gasification as a Pathway to Hydrogen Production; City of Ithaca		1,000,000	1,000,000		Gillibrand-Schumer	S
Department of Energy	Energy Efficiency and Renewable Energy	Municipal Building Upgrades; City of Salamanca		303,000	303,000		Gillibrand	S
Department of Energy	Energy Efficiency and Renewable Energy	New Jersey Green Hydrogen Demonstration Project; New Jersey Clean Cities Coalition		3,840,000	3,840,000		Booker; Menendez	S
Department of Energy	Energy Efficiency and Renewable Energy	Newport Town Office Energy Improvements; Town of Newport		250,000	250,000		Shaheen	S
Department of Energy	Energy Efficiency and Renewable Energy	Northeast Kingdom Home Weatherization; Rutland West Neighborhood Housing Service, Inc.		500,000	500,000		Leahy; Sanders	S
Department of Energy	Energy Efficiency and Renewable Energy	Off-Grid residential solar project on the Navajo Nation; Navajo Tribal Utility Authority		1,000,000	1,000,000		Heinrich	S
Department of Energy	Energy Efficiency and Renewable Energy	Overland Industrial park Solar Community Project; The Greater Toledo Community Foundation		1,500,000	1,500,000		Brown	S

ENERGY AND WATER DEVELOPMENT—Continued

(Community Project Funding/Congressionally Directed Spending)

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						House	Senate	
Department of Energy	Energy Efficiency and Renewable Energy	Oyster River Resiliency Project University of New Hampshire		1,150,000	1,150,000		Shaheen	S
Department of Energy	Energy Efficiency and Renewable Energy	Reducing Inequity in Access to Solar Power; Delaware DNREC		2,000,000	2,000,000		Carper; Coons	S
Department of Energy	Energy Efficiency and Renewable Energy	Rio Arriba County Energy Efficient Vehicle & Solar Charging Stations; Rio Arriba County Government		1,000,000	1,000,000		Lujan	S
Department of Energy	Energy Efficiency and Renewable Energy	Salisbury Square Redevelopment; Achieving Home Affordability and Energy Resilience via a Microgrid; Randolph Area Community Development Corporation		750,000	750,000		Leahy; Sanders	S
Department of Energy	Energy Efficiency and Renewable Energy	San Juan College Clean Hydrogen Workforce Development Program; San Juan College		500,000	500,000		Heinrich	S
Department of Energy	Energy Efficiency and Renewable Energy	San Juan College Electric Vehicle Technician Certification Program; San Juan College		50,000	50,000		Heinrich	S
Department of Energy	Energy Efficiency and Renewable Energy	Solar Testbed; High Technology Foundation		1,900,000	1,900,000		Manchin	S

Department of Energy	Energy Efficiency and Renewable Energy	Sustainable Energy in Schools and Public Buildings; Vermont Department of Public Service		1,000,000	1,000,000		Sanders	\$
Department of Energy	Energy Efficiency and Renewable Energy	Tacoma Public Utilities EV charging program; Tacoma Public Utilities		1,000,000	1,000,000		Murray	\$
Department of Energy	Energy Efficiency and Renewable Energy	Thermal Energy Storage to Support Renewable Energy Deployment; Vermont Energy Investment Corporation (VEIC)		5,000,000	5,000,000		Leahy	\$
Department of Energy	Energy Efficiency and Renewable Energy	Twin Lakes Reservoir Floating Solar Study; City of Lima		500,000	500,000		Brown	\$
Department of Energy	Energy Efficiency and Renewable Energy	Updated Renewable Energy Development Feasibility Study by the Pueblo of Zia; Pueblo of Zia		250,000	250,000		Heinrich	\$
Department of Energy	Energy Efficiency and Renewable Energy	Utility Upgrades for the Bedford Landfill Solar Project; Town of Bedford		500,000	500,000		Shaheen	\$
Department of Energy	Energy Efficiency and Renewable Energy	Vermont Electrification and Clean Energy Deployment; Vermont Public Power Supply Authority		1,000,000	1,000,000		Sanders	\$
Department of Energy	Energy Efficiency and Renewable Energy	WMU Center for Interdisciplinary Research on Secure, Efficient and Sustainable Energy Technology; Western Michigan University		350,000	350,000		Peters	\$
Department of Energy	Electricity	Cuyahoga County Utility Microgrid Design Project; Cuyahoga County		300,000	300,000		Brown	\$

ENERGY AND WATER DEVELOPMENT—Continued

[Community Project Funding/Congressionally Directed Spending]

Amounts shown over the presidential budget request level ("Additional Amount" column) are considered Community Project Funding and Congressionally Directed Spending for purposes of House and Senate rules. The "Total Amount Provided" column may not equal the sum of the "Budget Request" and the "Additional Amount" columns due to updated project capabilities.

Agency	Account	Project Name; Recipient	Budget Request	Additional Amount	Total Amount Provided	Requester(s)		Origination
						House	Senate	
Department of Energy	Electricity	Electrical transmission and distribution infrastructure for PUD No. 1 of Lewis County; Public Utility District No. 1 of Lewis County		2,500,000	2,500,000		Murray	S
Department of Energy	Electricity	Village of Old Brookville Village Hall expansion; 52 kW standby backup generator; Incorporated Village of Brookville		50,000	50,000		Schumer	S
Department of Energy	Fossil Energy and Carbon Management	Coal Communities Regional Innovation Cluster; Region 2 Planning and Development Council		4,000,000	4,000,000		Manchin	S
Department of Energy	Fossil Energy and Carbon Management	Coal Mine Methane Solutions; Community Office for Resource Efficiency/Pitkin County		1,200,000	1,200,000		Bennet, Hickenlooper	S
Department of Energy	Fossil Energy and Carbon Management	Emergency Backup Generator; Melakatta Indian Community		540,000	540,000		Murkowski	S
Department of Energy	Fossil Energy and Carbon Management	Enhanced Outcrop Methane Capture; Southern Ute Indian Tribe		2,500,000	2,500,000		Bennet, Hickenlooper	S
Department of Energy	Fossil Energy and Carbon Management	FEED Study for the implementation of a Carbon Capture and Sequestration System; Louisiana Department of Economic Development		9,000,000	9,000,000		Cassidy	S

Department of Energy	Fossil Energy and Carbon Management	Mercer County Gas Line Extension: Development Authority of Mercer County	2,959,000	2,959,000	Capito	S
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[INSERT TABLE]

Insert 85a-r



ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
-----					
TITLE I - DEPARTMENT OF DEFENSE - CIVIL					
DEPARTMENT OF THE ARMY					
Corps of Engineers - Civil					
Investigations.....	153,000	105,837	143,000	-10,000	+37,163
Construction.....	2,692,645	1,792,378	2,492,800	-199,845	+700,422
Mississippi River and Tributaries.....	380,000	269,688	370,000	-10,000	+100,312
Operation and Maintenance.....	3,849,655	2,502,901	4,570,000	+720,345	+2,067,099
Regulatory Program.....	210,000	204,400	212,000	+2,000	+7,600
Formerly Utilized Sites Remedial Action Program (FUSRAP).....	250,000	---	300,000	+50,000	+300,000
Flood Control and Coastal Emergencies.....	35,000	35,000	35,000	---	---
Expenses.....	206,000	199,290	208,000	+2,000	+8,710
Office of Assistant Secretary of the Army (Civil Works).....	5,000	5,000	5,000	---	---
Rescission.....	-500	---	---	+500	---
Subtotal.....	4,500	5,000	5,000	+500	---
-----					

ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
-----					
Water Infrastructure Finance and Innovation Program Account.....	14,200	---	7,200	-7,000	+7,200
Harbor Maintenance Trust Fund.....	---	1,625,856	---	---	-1,625,856
Inland Waterways Trust Fund.....	---	52,150	---	---	-52,150
	=====	=====	=====	=====	=====
Total, title I, Department of Defense - Civil..	7,795,000	6,792,500	8,343,000	+548,000	+1,550,500
	=====	=====	=====	=====	=====
TITLE II - DEPARTMENT OF THE INTERIOR					
Central Utah Project					
Central Utah Project Completion Account.....	21,000	20,000	23,000	+2,000	+3,000
Bureau of Reclamation					
Water and Related Resources.....	1,521,125	1,379,050	1,747,101	+225,976	+368,051
Central Valley Project Restoration Fund.....	55,875	56,499	56,499	+624	---
California Bay-Delta Restoration.....	33,000	33,000	33,000	---	---
Policy and Administration.....	60,000	64,400	64,400	+4,400	---
	=====	=====	=====	=====	=====
Total, Bureau of Reclamation.....	1,670,000	1,532,949	1,901,000	+231,000	+368,051
	=====	=====	=====	=====	=====
Total, title II, Department of the Interior.....	1,691,000	1,552,949	1,924,000	+233,000	+371,051
	=====	=====	=====	=====	=====

ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
-----					
TITLE III - DEPARTMENT OF ENERGY					
Energy Programs					
Energy Efficiency and Renewable Energy.....	2,864,000	4,732,000	3,200,000	+336,000	-1,532,000
Rescission.....	-2,240	---	---	+2,240	---
Subtotal.....	2,861,760	4,732,000	3,200,000	+338,240	-1,532,000
Cybersecurity, Energy Security, and Emergency Response	156,000	201,000	185,804	+29,804	-15,196
Electricity.....	211,720	327,000	277,000	+65,280	-50,000
Nuclear Energy.....	1,357,800	1,700,700	1,505,000	+147,200	-195,700
Defense function.....	149,800	149,800	149,800	---	---
Subtotal.....	1,507,600	1,850,500	1,654,800	+147,200	-195,700
Fossil Energy and Carbon Management.....	750,000	890,000	825,000	+75,000	-65,000
Naval Petroleum and Oil Shale Reserves.....	13,006	13,650	13,650	+644	---
Strategic Petroleum Reserve.....	188,000	197,000	219,000	+31,000	+22,000
SPR Petroleum Account.....	1,000	7,350	7,350	+6,350	---
Northeast Home Heating Oil Reserve.....	6,500	---	6,500	---	+6,500
Energy Information Administration.....	126,800	126,800	129,087	+2,287	+2,287
Non-defense Environmental Cleanup.....	319,200	338,860	333,863	+14,663	-4,997
Mercury receipts.....	-3,000	---	---	+3,000	---
Use of Mercury receipts.....	3,000	---	---	-3,000	---
Subtotal.....	319,200	338,860	333,863	+14,663	-4,997

ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
-----					
Uranium Enrichment Decontamination and Decommissioning Fund	841,000	831,340	860,000	+19,000	+28,660
Science	4,726,000	7,440,000	7,475,000	+2,749,000	+35,000
Emergency funding	2,300,000	---	---	-2,300,000	---
Subtotal	7,026,000	7,440,000	7,475,000	+449,000	+35,000
-----					
Nuclear Waste Disposal	27,500	7,500	27,500	---	+20,000
Technology Transitions	---	19,470	19,470	+19,470	---
Clean Energy Demonstrations	---	400,000	20,000	+20,000	-380,000
Advanced Research Projects Agency-Energy	427,000	500,000	450,000	+23,000	-50,000
Advanced Research Projects Agency-Climate	---	200,000	---	---	-200,000
Title 17 Innovative Technology Loan Guarantee Program:					
Guaranteed loan subsidy	---	150,000	---	---	-150,000
Administrative costs	32,000	32,000	32,000	---	---
Offsetting collections	-3,000	-3,000	-3,000	---	---
Rescission of emergency funding	-392,000	---	---	+392,000	---
Subtotal	-363,000	179,000	29,000	+392,000	-150,000
-----					
Advanced Technology Vehicles Manufacturing Loan Program	5,000	5,000	5,000	---	---
Rescission of emergency funding	-1,908,000	---	---	+1,908,000	---
Subtotal	-1,903,000	5,000	5,000	+1,908,000	---
-----					
Tribal Energy Loan Guarantee Program	2,000	2,000	2,000	---	---
Indian Energy Policy and Programs	22,000	122,000	58,000	+36,000	-64,000

## ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Departmental Administration.....	259,378	422,338	340,578	+81,200	-81,760
Miscellaneous revenues.....	-93,378	-100,578	-100,578	-7,200	---
Net appropriation.....	166,000	321,760	240,000	+74,000	-81,760
Office of the Inspector General.....	57,739	78,000	78,000	+20,261	---
Total, Energy programs.....	12,444,825	18,790,230	16,116,024	+3,671,199	-2,674,206
Atomic Energy Defense Activities					
National Nuclear Security Administration					
Weapons Activities.....	15,345,000	15,484,295	15,920,000	+575,000	+435,705
Defense Nuclear Nonproliferation.....	2,260,000	2,264,000	2,354,000	+94,000	+90,000
Rescission.....	---	-330,000	---	---	+330,000
Subtotal.....	2,260,000	1,934,000	2,354,000	+94,000	+420,000
Naval Reactors.....	1,684,000	1,866,705	1,918,000	+234,000	+51,295
Rescission.....	---	-6,000	---	---	+6,000
Subtotal.....	1,684,000	1,860,705	1,918,000	+234,000	+57,295
Federal Salaries and Expenses.....	443,200	464,000	464,000	+20,800	---
Total, National Nuclear Security Administration.....	19,732,200	19,743,000	20,656,000	+923,800	+913,000

ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>Environmental and Other Defense Activities</b>					
Defense Environmental Cleanup.....	6,426,000	6,841,670	6,710,000	+284,000	-131,670
Defense UED&D.....	---	---	573,333	+573,333	+573,333
Other Defense Activities.....	920,000	1,170,000	985,000	+65,000	-185,000
<b>Total, Environmental and Other Defense Activities</b> .....	<b>7,346,000</b>	<b>8,011,670</b>	<b>8,268,333</b>	<b>+922,333</b>	<b>+256,663</b>
<b>Total, Atomic Energy Defense Activities</b> .....	<b>27,078,200</b>	<b>27,754,670</b>	<b>28,924,333</b>	<b>+1,846,133</b>	<b>+1,169,663</b>
<b>Power Marketing Administrations /1</b>					
<b>Operation and maintenance, Southeastern Power</b>					
Administration.....	7,246	7,184	7,184	-62	---
Offsetting collections.....	-7,246	-7,184	-7,184	+62	---
<b>Subtotal</b> .....	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>
<b>Operation and maintenance, Southwestern Power</b>					
Administration.....	47,540	48,324	48,324	+784	---
Offsetting collections.....	-37,140	-37,924	-37,924	-784	---
<b>Subtotal</b> .....	<b>10,400</b>	<b>10,400</b>	<b>10,400</b>	<b>---</b>	<b>---</b>
<b>Construction Rehabilitation, Operation and Maintenance, Western Area Power Administration</b> .....	<b>259,126</b>	<b>285,237</b>	<b>285,237</b>	<b>+26,111</b>	<b>---</b>

ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Offsetting collections.....	-169,754	-194,465	-194,465	-24,711	---
Subtotal.....	89,372	90,772	90,772	+1,400	---
Falcon and Amistad Operating and Maintenance Fund.....	5,776	5,808	5,808	+32	---
Offsetting collections.....	-5,548	-5,580	-5,580	-32	---
Subtotal.....	228	228	228	---	---
Total, Power Marketing Administrations.....	100,000	101,400	101,400	+1,400	---
Federal Energy Regulatory Commission					
Salaries and expenses.....	404,350	463,900	466,426	+62,076	+2,526
Revenues applied.....	-404,350	-463,900	-466,426	-62,076	-2,526
Subtotal.....	---	---	---	---	---
General Provision - Department of Energy					
Colorado River Basin Fund (sec.305(b)).....	2,000	---	2,000	---	*2,000
Defense Nuclear Nonproliferation Construction Project					
99-D-143 Rescission.....	---	---	-282,133	-282,133	-282,133
Naval Reactors Rescission.....	---	---	-6,000	-6,000	-6,000
Total, General Provisions.....	2,000	---	-286,133	-288,133	-286,133
Total, title III, Department of Energy.....	39,625,025	46,646,300	44,855,624	+5,230,599	-1,790,676

ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Appropriations	(39,627,265)	(46,982,300)	(45,143,757)	(+5,516,492)	(-1,838,543)
Rescissions	(-2,240)	(-336,000)	(-288,133)	(-285,893)	(+47,867)
Emergency appropriations	(2,300,000)	---	---	(-2,300,000)	---
Rescissions of emergency funding	(-2,300,000)	---	---	(+2,300,000)	---
<b>TITLE IV - INDEPENDENT AGENCIES</b>					
Appalachian Regional Commission	180,000	235,000	195,000	+15,000	-40,000
Defense Nuclear Facilities Safety Board	31,000	31,000	36,000	+5,000	+5,000
Delta Regional Authority	30,000	30,100	30,100	+100	---
Denali Commission	15,000	15,100	15,100	+100	---
Northern Border Regional Commission	30,000	30,100	35,000	+5,000	+4,900
Southeast Crescent Regional Commission	1,000	2,500	5,000	+4,000	+2,500
Southwest Border Regional Commission	250	2,500	2,500	+2,250	---
Nuclear Regulatory Commission:					
Salaries and expenses	830,900	873,901	873,901	+43,001	---
Revenues	-710,293	-745,258	-745,258	-34,965	---
Subtotal	120,607	128,643	128,643	+8,036	---
Office of Inspector General	13,499	13,799	13,799	+300	---
Revenues	-11,106	-11,442	-11,442	-336	---
Subtotal	2,393	2,357	2,357	-36	---
Total, Nuclear Regulatory Commission	123,000	131,000	131,000	+8,000	---



ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Nuclear Waste Technical Review Board.....	3,600	3,800	3,800	+200	---
<b>Total, title IV, Independent agencies.....</b>	<b>413,850</b>	<b>481,100</b>	<b>453,500</b>	<b>+39,650</b>	<b>-27,600</b>

OTHER APPROPRIATIONS

EXTENDING GOVERNMENT FUNDING AND DELIVERING EMERGENCY ASSISTANT ACT, 2021 (PL 117-43)

DIVISION B - DISASTER RELIEF SUPPLEMENTAL APPROPRIATIONS ACT, 2022

DEPARTMENT OF THE ARMY

Corps of Engineers - Civil

Investigations (emergency).....	---	---	100,000	+100,000	+100,000
Construction (emergency).....	---	---	3,000,000	+3,000,000	+3,000,000
Mississippi Rivers and Tributaries (emergency).....	---	---	868,000	+868,000	+868,000
Operation and Maintenance (emergency).....	---	---	887,000	+887,000	+887,000
Flood Control and Coastal Emergencies (emergency).....	---	---	826,000	+826,000	+826,000
Expenses (emergency).....	---	---	30,000	+30,000	+30,000
<b>Total, Corps of Engineers - Civil.....</b>	<b>---</b>	<b>---</b>	<b>5,711,000</b>	<b>+5,711,000</b>	<b>+5,711,000</b>

ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
-----					
DEPARTMENT OF THE INTERIOR					
Central Utah Project					
Central Utah Project Completion Account (emergency) ... Bureau of Reclamation	---	---	10,000	+10,000	+10,000
Water and Related Resources (emergency) .....	---	---	210,000	+210,000	+210,000
-----	-----	-----	-----	-----	-----
Total, Department of the Interior .....	---	---	220,000	+220,000	+220,000
DEPARTMENT OF ENERGY					
Energy Programs					
Strategic Petroleum Reserve(emergency) .....	---	---	43,300	+43,300	+43,300
-----	-----	-----	-----	-----	-----
Total, Department of Energy .....	---	---	43,300	+43,300	+43,300
=====	=====	=====	=====	=====	=====
Total, Extending Government Funding and Delivering Emergency Assistance Act, 2021 .....	---	---	5,974,300	+5,974,300	+5,974,300
=====	=====	=====	=====	=====	=====

ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
-----					
THE INFRASTRUCTURE INVESTMENT AND JOBS ACT					
(P. L. 117-58)					
DIVISION J - APPROPRIATIONS					
DEPARTMENT OF THE ARMY					
Corps of Engineers - Civil					
Investigations (emergency).....	---	---	120,000	+120,000	+120,000
Advance appropriations FY 2023 (emergency).....	---	---	30,000	+30,000	+30,000
Total.....	---	---	150,000	+150,000	+150,000
Construction (emergency).....	---	---	11,515,000	+11,515,000	+11,515,000
Advance appropriations FY 2023 (emergency).....	---	---	50,000	+50,000	+50,000
Advance appropriations FY 2024 (emergency).....	---	---	50,000	+50,000	+50,000
Total.....	---	---	11,615,000	+11,615,000	+11,615,000
Mississippi River and Tributaries (emergency).....	---	---	808,000	+808,000	+808,000
Operations and maintenance (emergency).....	---	---	2,000,000	+2,000,000	+2,000,000
Advance appropriations FY 2023 (emergency).....	---	---	1,000,000	+1,000,000	+1,000,000
Advance appropriations FY 2024 (emergency).....	---	---	1,000,000	+1,000,000	+1,000,000
Total.....	---	---	4,000,000	+4,000,000	+4,000,000

ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Regulatory Program (emergency).....	---	---	160,000	+160,000	+160,000
Flood control and coastal emergencies (emergency).....	---	---	251,000	+251,000	+251,000
Expenses (emergency).....	---	---	40,000	+40,000	+40,000
Water Infrastructure Finance and Innovation Program Account (emergency).....	---	---	75,000	+75,000	+75,000
<b>Total, Corps of Engineers - Civil.....</b>	<b>---</b>	<b>---</b>	<b>17,099,000</b>	<b>+17,099,000</b>	<b>+17,099,000</b>
<b>DEPARTMENT OF THE INTERIOR</b>					
<b>Central Utah Project</b>					
Central Utah Project Completion Account (emergency).....	---	---	50,000	+50,000	+50,000
Water and Related Resources (emergency).....	---	---	1,660,000	+1,660,000	+1,660,000
Advance appropriations FY 2023 (emergency).....	---	---	1,660,000	+1,660,000	+1,660,000
Advance appropriations FY 2024 (emergency).....	---	---	1,660,000	+1,660,000	+1,660,000
Advance appropriations FY 2025 (emergency).....	---	---	1,660,000	+1,660,000	+1,660,000
Advance appropriations FY 2026 (emergency).....	---	---	1,660,000	+1,660,000	+1,660,000
<b>Total.....</b>	<b>---</b>	<b>---</b>	<b>8,300,000</b>	<b>+8,300,000</b>	<b>+8,300,000</b>
<b>Total, Department of the Interior.....</b>	<b>---</b>	<b>---</b>	<b>8,350,000</b>	<b>+8,350,000</b>	<b>+8,350,000</b>

ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
<b>DEPARTMENT OF ENERGY</b>					
<b>Energy Programs</b>					
Energy Efficiency and Renewable Energy (emergency)	---	---	8,207,200	+8,207,200	+8,207,200
Advance appropriations FY 2023 (emergency)	---	---	2,221,800	+2,221,800	+2,221,800
Advance appropriations FY 2024 (emergency)	---	---	1,945,000	+1,945,000	+1,945,000
Advance appropriations FY 2025 (emergency)	---	---	1,945,000	+1,945,000	+1,945,000
Advance appropriations FY 2026 (emergency)	---	---	1,945,000	+1,945,000	+1,945,000
Total	---	---	16,264,000	+16,264,000	+16,264,000
Cybersecurity, Energy Security, and Emergency Response (emergency)	---	---	150,000	+150,000	+150,000
Advance appropriations FY 2023 (emergency)	---	---	100,000	+100,000	+100,000
Advance appropriations FY 2024 (emergency)	---	---	100,000	+100,000	+100,000
Advance appropriations FY 2025 (emergency)	---	---	100,000	+100,000	+100,000
Advance appropriations FY 2026 (emergency)	---	---	100,000	+100,000	+100,000
Total	---	---	550,000	+550,000	+550,000
Electricity (emergency)	---	---	1,660,000	+1,660,000	+1,660,000
Advance appropriations FY 2023 (emergency)	---	---	1,610,000	+1,610,000	+1,610,000
Advance appropriations FY 2024 (emergency)	---	---	1,610,000	+1,610,000	+1,610,000
Advance appropriations FY 2025 (emergency)	---	---	1,610,000	+1,610,000	+1,610,000
Advance appropriations FY 2026 (emergency)	---	---	1,610,000	+1,610,000	+1,610,000
Total	---	---	8,100,000	+8,100,000	+8,100,000

ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Nuclear Energy (emergency).....	---	---	1,200,000	+1,200,000	+1,200,000
Advance appropriations FY 2023 (emergency).....	---	---	1,200,000	+1,200,000	+1,200,000
Advance appropriations FY 2024 (emergency).....	---	---	1,200,000	+1,200,000	+1,200,000
Advance appropriations FY 2025 (emergency).....	---	---	1,200,000	+1,200,000	+1,200,000
Advance appropriations FY 2026 (emergency).....	---	---	1,200,000	+1,200,000	+1,200,000
Total.....	---	---	6,000,000	+6,000,000	+6,000,000
Fossil Energy and Carbon Management (emergency).....	---	---	1,839,000	+1,839,000	+1,839,000
Advance appropriations FY 2023 (emergency).....	---	---	1,444,450	+1,444,450	+1,444,450
Advance appropriations FY 2024 (emergency).....	---	---	1,446,962	+1,446,962	+1,446,962
Advance appropriations FY 2025 (emergency).....	---	---	1,449,541	+1,449,541	+1,449,541
Advance appropriations FY 2026 (emergency).....	---	---	1,317,188	+1,317,188	+1,317,188
Total.....	---	---	7,497,141	+7,497,141	+7,497,141
Carbon Dioxide Transportation Infrastructure Finance and Innovation Program Account (emergency).....	---	---	3,000	+3,000	+3,000
Advance appropriations FY 2023 (emergency).....	---	---	2,097,000	+2,097,000	+2,097,000
Additional costs, FY 2023 (Sec. 40304) (emergency)	---	---	500,000	+500,000	+500,000
Total.....	---	---	2,600,000	+2,600,000	+2,600,000
Office of Clean Energy Demonstrations (emergency).....	---	---	5,127,250	+5,127,250	+5,127,250
Advance appropriations FY 2023 (emergency).....	---	---	4,426,250	+4,426,250	+4,426,250
Advance appropriations FY 2024 (emergency).....	---	---	4,476,250	+4,476,250	+4,476,250
Advance appropriations FY 2025 (emergency).....	---	---	4,526,250	+4,526,250	+4,526,250

ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Advance appropriations FY 2026 (emergency).....	---	---	2,900,000	+2,900,000	+2,900,000
<b>Total</b> .....	---	---	21,456,000	+21,456,000	+21,456,000
<b>Total, Energy Programs</b> .....					
	---	---	62,467,141	+62,467,141	+62,467,141
<b>Power Marketing Administration</b>					
Construction, Rehabilitation, Operation and Maintenance, Western Area Power Administration (emergency).....	---	---	500,000	+500,000	+500,000
Offsetting collections (FY 2025-2026) (emergency).....	---	---	-60,000	-60,000	-60,000
<b>General Provisions</b>					
DOE IG (Sec. 303) (by transfer).....	---	---	(18,000)	(+18,000)	(+18,000)
<b>Total, Department of Energy</b> .....	---	---	62,907,141	+62,907,141	+62,907,141
<b>INDEPENDENT AGENCIES</b>					
Appalachian Regional Commission (emergency).....	---	---	200,000	+200,000	+200,000
Advance appropriations FY 2023 (emergency).....	---	---	200,000	+200,000	+200,000
Advance appropriations FY 2024 (emergency).....	---	---	200,000	+200,000	+200,000
Advance appropriations FY 2025 (emergency).....	---	---	200,000	+200,000	+200,000

ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Advance appropriations FY 2026 (emergency).....	---	---	200,000	+200,000	+200,000
Total, Appalachian Regional Commission.....	---	---	1,000,000	+1,000,000	+1,000,000
Delta Regional Authority (emergency).....	---	---	150,000	+150,000	+150,000
Denali Commission (emergency).....	---	---	75,000	+75,000	+75,000
Northern Border Regional Commission (emergency).....	---	---	150,000	+150,000	+150,000
Southeast Crescent Regional Commission (emergency).....	---	---	5,000	+5,000	+5,000
Southwest Border Regional Commission (emergency).....	---	---	1,250	+1,250	+1,250
Total, Independent Agencies.....	---	---	1,381,250	+1,381,250	+1,381,250
Total, Infrastructure Investment and Jobs Act.....	---	---	89,737,391	+89,737,391	+89,737,391
Total, Other Appropriations.....	---	---	95,711,691	+95,711,691	+95,711,691



ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
Grand total	49,524,875	55,472,849	151,287,815	+101,762,940	+95,814,966
Appropriations	(49,527,615)	(55,808,849)	(55,864,257)	(+6,336,642)	(+55,408)
Emergency appropriations	(2,300,000)	---	(41,921,000)	(+39,621,000)	(+41,921,000)
Emergency advance appropriations	---	---	(53,850,691)	(+53,850,691)	(+53,850,691)
Rescissions	(-2,740)	(-336,000)	(-288,133)	(-285,393)	(+47,867)
Rescissions of emergency funding	(-2,300,000)	---	---	(+2,300,000)	---
Emergency offsetting collections (FY2025-2026)	---	---	(-60,000)	(-60,000)	(-60,000)
Grand total less emergencies	49,524,875	55,472,849	55,576,124	+6,051,249	+103,275

1/ Totals adjusted to net out alternative financing costs, reimbursable agreement funding, and power purchase and wheeling expenditures. Offsetting collection totals only reflect funds collected for annual expenses, excluding power purchase wheeling

ENERGY AND WATER DEVELOPMENT, AND RELATED AGENCIES APPROPRIATIONS ACT, 2022

(Amounts in thousands)

	FY 2021 Enacted	FY 2022 Request	Final Bill	Final Bill vs Enacted	Final Bill vs Request
DISCRETIONARY RECAP BY TITLE					
Title I, Department of Defense - Civil	7,795,000	6,792,500	8,343,000	+548,000	+1,550,500
Title II, Department of the Interior	1,691,000	1,552,949	1,924,000	+233,000	+371,051
Title III, Department of Energy	39,625,025	46,646,300	44,855,624	+5,230,599	-1,790,676
Title IV, Independent Agencies	413,850	481,100	453,500	+39,650	-27,600
Subtotal	49,524,875	55,472,849	55,576,124	+6,051,249	+103,275
Scorekeeping adjustments	-72,875	-1,848,025	-2,704,124	-2,631,249	-856,099
Total	49,452,000	53,624,824	52,872,000	+3,420,000	-752,824