FY 2025 Aging Infrastructure Report to Congress
Extraordinary Maintenance Report Table

State	Project	Region	Title	Description	Anticipated Cost	Remaining Compliance	Repayment Analysis	Minimum Necessary Repayment Period if Different from Requested	Allocation of Funds from Deposits into Account	Amount Requested	Alternate Non-Federal Funding Options	Amount to be Funded
Arizona	CRSP, GLEN CANYON UNIT	UCB	Glen Canyon Station Service Equipment Replacement	Replace Station Service Transformers and Switchgear. Funding is provided to complete a planning study, and then for final design and implementation once planning activities are completed.	$ 20,200,000	Planning Study	No Present Concerns	Not Applicable	Not Applicable	$ 20,200,000.00	No Alternative Options	$ 20,200,000.00
Arizona	CRSP, GLEN CANYON UNIT	UCB	Glen Canyon Power Plant Cranes Replacement	Refurbish Glen Canyon Powerplant and Dam Cranes to include the replacement of motors, drives, gearboxes, seals, brakes bearings, electrical distribution, ropes, controls and displays as needed to meet current OSHA and ASME code requirements. Funding is provided to complete design activities, and subsequently for implementation.	$ 8,100,000	None	No Present Concerns	Not Applicable	Not Applicable	$ 8,100,000.00	No Alternative Options	$ 8,100,000.00
Arizona	YUMA PROJECT	LCB	High-Density Polyethylene (HDPE) Pipe Replacement	This project will fund all or part of the replacement of aging and failed Yuma County Water Users Drainage System HDPE Advanced Drainage System (ADS) pipe that was installed during the expansion of Highway 95 in the Yuma area (during the mid-1990s). This pipe has consistently failed, resulting in leaks which reach the surface in many cases, and require unplanned outages of the system in order to make expedient repairs. Funding is provided for implementation.	$ 13,000,000	None	No Present Concerns	Not Applicable	Not Applicable	$ 6,500,000.00	No Alternative Options	$ 6,500,000.00
Arizona	CRBSP (TITLE 1) YUMA	LCB	Yuma Area Office Utilities Replacement	Design and replace required portions of the mechanical, electrical, and plumbing infrastructure at the Yuma Area Office. Funding is provided for design activities and implementation.	$ 27,512,100	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 27,512,100.00	No Alternative Options	$ 3,592,000.00
Arizona	CRSP, GLEN CANYON UNIT	UCB	Glen Canyon Fire Alarm Systems Modernization	Replacement of the fire alarm system at the Glen Canyon Powerplant and Visitor Center with a system that meets all fire and life safety codes. Funding is provided for implementation	$ 2,600,000	None	No Present Concerns	Not Applicable	Not Applicable	$ 2,600,000.00	No Alternative Options	$ 2,600,000.00
California	DELTA DIVISION, CVP	CGB	Delta Mendota Canal Subsidence Correction	Correct for groundwater subsidence impacts to the Delta Mendota Canal. Funding is provided for design activities and implementation.	$ 927,612,000	Environmental	No Present Concerns; ongoing coordination with transferred work operating entity	Not Applicable	Not Applicable	$ 755,000,000.00	May Be Able to Supplement Federal Funding	$ 204,000,000.00
California	OTHER	CGB	Coleman National Fish Hatchery Modernization	Scope, plan, and design the major repair and rehabilitiation of the Coleman National Fish Hatchery in coordination with non-Federal partners. Funding is provided to complete a planning study and design activities.	$ 239,600,000	Planning Study and Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 20,000,000.00	No Alternative Options	$ 20,000,000.00
California	CRBSP (TITLE 1) YUMA	LCB	Main Outlet Drain Extension (MODE) Bridge Replacement	Replace three MODE bridges with new culverts or bridges and design additional replacements of existing bridges as necessary. Funding is for planning, design, and subsequently implementation.	$ 12,128,794	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 12,128,794.00	No Alternative Options	$ 12,128,794.00
California	AMERICAN RIVER DIVISION CVP	CGB	Folsom Fixed Wheel Gates	Refurbish Unit 3 Fixed Wheel Gate Hydraulic Cylinder and replace controls match the existing design for Units 1 and 2. Raise and modify Unit 1, Unit 2 and Unit 3 controls to accommodate 3.5-foot dam raise. Re-design and replace existing chain link fencing through parapet wall with a gate or structure capable of retaining water to accommodate 3.5-foot dam raise and allow for access to fixed wheel gate controls. Funding is provided to complete a planning study, and subsequently for design and implementation.	$ 12,002,800	Planning Study and Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 12,002,800.00	No Alternative Options	$ 12,002,800.00
California	CVP, SHASTA DIVISION	CGB	Shasta Powerplant Service Transformer	This project will provide a second source of station service power from the WAPA switchyard to Shasta Powerplant to improve reliability. WAPA will install a new transformer in the switchyard. The new transformer will provide power to operate the switchyard. It will also provide power for a second station service feed to Shasta Powerplant. Funding is provided to complete a planning study, and subsequently for design and implementation.	$ 11,198,509	Planning Study and Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 11,198,509.00	No Alternative Options	$ 11,198,509.00
California	AMERICAN RIVER DIVISION CVP	CGB	Folsom Area Cranes (FOAC) Replacement	The scope is to replace the existing Folsom warehouse 30-Ton Bridge Crane, Folsom pumping plant 7.5-Ton Bridge Crane. The FOAC project will comprise removal, replacement, and modernization of the two cranes with newer ones that address the aging infrastructure. Funding is provided for planning, design, and subsequently implementation.	$ 13,400,000	Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 9,559,200.00	No Alternative Options	$ 9,559,200.00
California	AMERICAN RIVER DIVISION CVP	CGB	Folsom Power Plant Cranes (FOPC) Replacement	The scope is to replace the existing Folsom Power plant 275-Ton Bridge Crane, Folsom Dam 140-Ton Gantry Crane, Folsom Power Plant 10-Ton Draft Tube Hoist. The FOPC project will comprise removal, replacement and modernization of the three cranes with newer ones that address the aging infrastructure. Funding is provided for planning, design, and subsequently implementation.	$ 9,900,000	Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 9,892,000.00	No Alternative Options	$ 9,892,000.00
California	CVP, SHASTA DIVISION	CGB	Shasta Dam 850' and 950' Outlet Works Rehabilitation	Modernize and rehabilitate all outlet works valves on the 850' and 950' elevations in Shasta Dam to include telemetry, controls, protection, drives, mechanical subsystems. Funding is provided to complete a planning study and subsequently for design activities as applicable.	$ 52,950,000	Planning Study and Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 9,550,000.00	No Alternative Options	$ 9,550,000.00

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California	CACHUMA PROJECT	CGB	Bradbury Dam Outlet Valve Replacement	Project will replace the 30-inch valves to maintain operation and efficiency of water releases in the outlet works. Funding is provided for planning, design, and subsequently implementation.	$ 8,250,000	Environmental Compliance	No Present Concerns	Not Applicable	Not Applicable	$ 8,250,000.00	No Alternative Options	$ 8,250,000.00
California	AMERICAN RIVER DIVISION CVP	CGB	Folsom Temperature Control Shutters Planning Study	This scope is to perform a planning study to modify the existing Folsom Dam Temperature Control Shutters located upstream of the inlets to the Folsom Dam penstocks. The project will benefit native salmon and steelhead habitat downstream of Folsom Dam by providing more effective and ways to manage water temperatures in the Lower American River for the aquatic habitat. Funding is provided to complete a planning study and subsequently for design activities as applicable.	$ 250,000,000	Planning Study and Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 7,800,000.00	No Alternative Options	$ 7,800,000.00
California	FRIANT DIVISION CVP	CGB	Friant Dam Crane Overhaul Coatings/Controls	Cranes have lead primer, which needs to be contained and removed. Repair and replace electrical components as needed and modernization of crane controllers. Funding is provided for planning, design, and subsequently implementation.	$ 7,400,000	Planning Study and Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 7,400,000.00	No Alternative Options	$ 7,400,000.00
California	CVP, SHASTA DIVISION	CGB	Shasta Power Plant Generator Step Up (GSU) Transformers Replacement	Replace all GSU transformers at Shasta Power Plant, to include Phase A, B and C on all five power generating units, plus one spare (16 total). Funding is provided to complete a planning study and subsequently for design activities as applicable.	$ 172,217,000	Planning Study and Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 7,250,000.00	No Alternative Options	$ 7,250,000.00
California	WASHOE PROJECT	CGB	Stampede Power Plant Overhaul Planning Study	This project will complete a planning study evaluating repair/replacement of Stampede Powerplant. The powerplant includes two hydroelectric units that have a total installed capacity of 3.65 megawatts. The powerplant is nearing the end of its design life. Funding is provided to complete a planning study.	$ 6,900,000	Planning Study and Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 6,900,000.00	No Alternative Options	$ 6,900,000.00
California	CVP, Stanislaus Division	CGB	New Melones Power Plant 375-Ton Crane (NMPC) Replacement	The project scope is to replace the existing New Melones Power plant 375-Ton Bridge Crane. The NMPC project will comprise replacement/modernization of the 375-Ton crane with new electrical panels and control systems, similar steel, cable hoist system to provide a simpler and easier system that achieve more effective maintenance and address the aging infrastructure. Funding is provided for planning, design, and subsequently implementation.	$ 5,100,000	Environmental Compliance	No Present Concerns	Not Applicable	Not Applicable	$ 5,098,000.00	No Alternative Options	$ 5,098,000.00
California	DELTA DIVISION, CVP	CGB	Tracy Fish Collection Facility (TFCF) Underground Utilities Project	Maintenance of TFCF underground utilities include electrical, communications, raw water, sewage, valves, pipes, operational access roads and drainages within the facility and hyacinth spoil areas. Funding is provided to complete a planning study and subsequently for design activities as applicable.	$ 57,000,000	Planning Study and Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 57,000,000.00	No Alternative Options	$ 5,000,000.00
California	CVP, SHASTA DIVISION	CGB	Keswick Dam Spillway Regulating Gate Rehabilitation	Rehabilitate four 50-foot by 50-foot fixed wheel spillway regulating gates. Funding is provided to complete a planning study and subsequently for design activities as applicable.	$ 22,300,000	Planning Study and Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 4,400,000.00	No Alternative Options	$ 4,400,000.00
California	SOLANO PROJECT	CGB	Lake Berryessa Wastewater Treatment and Collection System	Repair main lift station, repair wastewater ponds and equipment, replace air relief/vacuum valves, replace lift station pumps, replace 1-1/2 inch black wastewater lines, and rehabilitate/replace septic tanks. Funding is provided for planning, design, and subsequently implementation.	$ 4,100,000	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 4,044,500.00	No Alternative Options	$ 4,044,500.00
California	CVP, SHASTA DIVISION	CGB	Keswick Power Plant Generator Step Up (GSU) Transformers Replacement	Replace main GSU transformers for all three units. Funding is provided to complete a planning study and subsequently for design activities as applicable.	$ 64,630,000	Planning Study and Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 3,200,000.00	No Alternative Options	$ 3,200,000.00
California	FRIANT DIVISION CVP	CGB	Friant Fixed-Wheel Gate Rehabilitation	Coating the fixed-wheel gates at Friant Dam. Funding is provided for planning, design, and subsequently implementation.	$ 2,812,500	Planning Study and Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 2,812,500.00	No Alternative Options	$ 2,812,500.00
California	CVP, SHASTA DIVISION	CGB	Shasta Pumping Plant Modernization	Replace existing motor controls and soft starters where necessary, install a backup generator, design HVAC system, add pump and motor, and replace existing 16" raw water main pipe with 20" pipe. Funding is provided to complete planning and design activities.	$ 17,150,000	Planning Study and Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 2,530,000.00	No Alternative Options	$ 2,530,000.00
California	CVP, TRINITY RIVER DIVISION	CGB	Spring Creek Power Plant Turbine Runners Replacement	Replace turbine runners on units 1 and 2 as well as upgrade existing auxiliary systems. Funding is provided for implementation.	$ 16,800,000	None	No Present Concerns	Not Applicable	Not Applicable	$ 2,500,000.00	No Alternative Options	$ 2,500,000.00
California	CVP, TRINITY RIVER DIVISION	CGB	Spring Creek Conduit Intake Temperature Curtain Replacement	Remove and replace failing temperature curtain at Spring Creek Conduit Intake in Whiskey Town Lake. Funding is provided to complete a planning study and subsequently for design activities as applicable.	$ 5,000,000	Planning Study and Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 2,250,000.00	No Alternative Options	$ 2,250,000.00
California	AMERICAN RIVER DIVISION CVP	CGB	Nimbus Power Plant 50-Ton Crane (NBPC) Replacement	The project scope is to replace the existing Nimbus Power plant 50-Ton Gantry Crane. The NBPC project will comprise replacement/modernization of the 50-Ton crane with new electrical panels and control systems, New Load cell, similar steel, cable hoist system to provide a simpler and easier system that achieve more effective maintenance and addresses the aging infrastructure.	$ 2,100,000	Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 2,055,200.00	No Alternative Options	$ 2,055,200.00

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California	COLO RVR FRON WORK & LEVEE SYS	LCB	River Mile 33 Backwater Design and Reconstruction	The initial phase (Phase One) will be to design and permit a secondary inlet to the backwater along with a proposed dredging plan to restore the backwater function. Phase Two consists of constructing the secondary inlet to the backwater along with associated improvements. Phase Three will consist of dredging/excavation and contouring of the backwater. Funding is provided for final design and implementation.	$ 3,637,455	None	No Repayment Required	Not Applicable	Not Applicable	$ 2,000,000.00	No Alternative Options	$ 2,000,000.00
California	CVP, SHASTA DIVISION	CGB	Shasta Power Plant and Keswick Power Plant Elevator Modernization	Modernize Shasta Power Plant and Keswick Power Plant elevators to include controls and safety features. Funding is provided for planning and design activities.	$ 7,000,000	Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 1,400,000.00	No Alternative Options	$ 1,400,000.00
California	CVP, TRINITY RIVER DIVISION	CGB	Whiskeytown Reservoir Oak Bottom Temperature Curtain Replacement	Remove and replace failing temperature curtain at Oak Bottom in Whiskeytown Reservoir. Funding is provided for planning and design activities.	$ 2,000,000	Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 880,000.00	No Alternative Options	$ 880,000.00
California	FRIANT DIVISION CVP	CGB	Friant Dam SCADA Modernization	Replace systems at Friant Dam that are obsolete. Additionally, replace existing communication lines with fiberoptic lines to improve communications between system and server room, replace water measuring with Accusonics at Madera Canal, Friant-Kern Canal, and San Joaquin River penstocks. Funding is provided for planning and design activities, and subsequently a portion of implementation.	$ 5,850,000	Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 5,850,000.00	No Alternative Options	$ 800,000.00
Colorado	CRSP, W N ASPINALL UNIT	UCB	Blue Mesa Power Plant Butterfly Valves Replacement	Replace the two existing 156" butterfly valves at the Blue Mesa Power Plant and refurbish the two existing Ring Follower Gates at the Blue Mesa Dam. Funding is provided to complete a planning study, and then for final design and implementation once planning activities are completed.	$ 32,113,709	Planning Study	No Present Concerns	Not Applicable	Not Applicable	$ 32,035,759.00	No Alternative Options	$ 32,035,759.00
Colorado	FRYINGPAN-ARKANSAS PROJECT	MB-ART	Mt. Elbert Unit 2 Seal Ring Replacement	Design and fabrication of headcover supports and draft tube platforms, load testing of current below-the-hook lifting devices, disassembly of Unit 2, removal and replacement of the stationary and rotational seal rings, and reassembly of Unit 2. Funding is provided for planning, design, and subsequently implementation.	$ 20,000,000	Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 20,000,000.00	No Alternative Options	$ 20,000,000.00
Colorado	FRYINGPAN-ARKANSAS PROJECT	MB-ART	Boustead Tunnel Weep Holes Drilling	Installation of 299 additional weep holes and cleaning of 293 existing weep holes throughout the 5.5-mile tunnel to relieve and prevent the buildup of hydrostatic pressure behind the tunnel concrete lining. Funding is provided for design activities and implementation.	$ 4,644,000	Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 4,632,800.00	No Alternative Options	$ 4,632,800.00
Colorado	COLLBRAN PROJECT	UCB	Upper Molina Penstock Emegency Shut Off Valve	Install a remotely operated emergency isolation valve at the Upper Molina penstock initiation point to prevent catastrophic flooding should the penstock rupture. Funding is provided for implementation.	$ 8,600,000	Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 3,000,000.00	No Alternative Options	$ 3,000,000.00
Colorado	CRSP, NAVAJO UNIT	UCB	Navajo Dam Float Well Replacement	The float well instrument system within Navajo Dam is used for measuring and recording reservoir elevations. The current system will be replaced with a new float well system using a plastic material that will not be susceptible to corrosion. Funding is provided for design activities and implementation.	$ 1,600,000	Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 1,600,000.00	No Alternative Options	$ 1,600,000.00
Colorado	CRSP, W N ASPINALL UNIT	UCB	Blue Mesa Power Plant Access Road Pavement	This project will pave the public access road to Blue Mesa powerplant. A secondary benefit of this project is that it will provide for better access for the general public looking to use recreation areas near the powerplant. Funding is provided for design activities and implementation.	$ 8,600,000	Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 3,000,000.00	No Alternative Options	$ 1,300,000.00
Colorado	CRSP, W N ASPINALL UNIT	UCB	Blue Mesa Station Service Bus Replacement	This project will replace the electrical bus from the station service transformer to the station service switchgear. Funding is provided for implementation.	$ 662,000	None	No Present Concerns	Not Applicable	Not Applicable	$ 650,000.00	No Alternative Options	$ 650,000.00
Idaho	BOISE PROJECT, ARROWROCK DIVISION	CPN	New York Canal Lining	Lining of 6-miles of the New York Canal through a highly urbanized/commercial area of the Boise Bench with a geocomposite membrane and capped with steel reinforced concrete. Funding is provided for design activities and implementation once previously funded planning activities are completed.	$ 93,478,900	Planning Study	No Present Concerns	Not Applicable	Not Applicable	$ 25,000,000.00	May Be Able to Supplement Federal Funding	$ 12,500,000.00
Montana	MILK RIVER PROJECT	MB-ART	St. Mary River Siphon and Halls Coulee Siphon Replacement	Removal and replacement of the St. Mary River and Halls Coulee Siphons. Funding is provided for design and implementation.	$ 70,000,000	None	No Present Concerns	Not Applicable	Not Applicable	$ 37,200,000.00	Strong Alternate Options Exist	$ 37,200,000.00
Montana	SUN RIVER PROJECT	MB-ART	Pishkun Outlet Rehabilitation	The Pishkun Outlet Rehabilitation Project will consist of the replacement of the existing outlet structure along with evaluation of necessary hydropower-related components to the outlet. Funding is provided for planning, design, and subsequently implementation.	$ 19,054,209	Planning Study and Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 19,054,209.10	May Be Able to Supplement Federal Funding	$ 19,054,209.10
Montana	MILK RIVER PROJECT	MB-ART	St. Mary Diversion Dam Project	Removal and replacement of the St. Mary Diversion Dam and Headworks with an ESA compliant facility. Funding is provided for implementation.	$ 110,000,000	None	No Present Concerns	Not Applicable	Not Applicable	$ 10,000,000.00	Considered Options and None Feasible	$ 10,000,000.00

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Montana	P-S MBP, HELENA VALLEY UNIT	MB-ART	Helena Valley Irrigation District (HVID) Pumping Plant Rehabilitation	The HVID Pumping Plant Rehabilitation Project will consist of sandblasting and repainting both the inlet penstock and the discharge outlet pipes; repairing several of the outlet discharge pipe support piers; equipping the pumping plant with remote monitoring capabilities, and enclosing the pump station with a metal building. Funding is provided for planning, design, and subseequently a portion of implementation.	$ 4,773,621	Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 4,773,621.00	May Be Able to Supplement Federal Funding	$ 4,773,621.00
Montana	MILK RIVER PROJECT	MB-ART	Fresno Spillway Rehabilitation	Project consists of concrete removal and replacement activities and will be combined with an ongoing safety of dams project to replace the joints on the spillway. Funding is provided for design and implementation.	$ 4,000,000	Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 4,000,000.00	Considered Options and None Feasible	$ 4,000,000.00
Montana	P-S MBP, HELENA VALLEY UNIT	MB-ART	HVID Main Canal and Lateral Maintenance	The project will consist of repairing erosion damage on approximately 2 miles of the main canal near the terminal wasteway as well as lining over 3 miles of laterals. Funding is provided for planning, design, and implementation.	$ 3,874,097	Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 3,874,097.00	May Be Able to Supplement Federal Funding	$ 3,874,097.00
Montana	P-S MBP, CROW CREEK PUMP UNIT	MB-ART	Crow Creek Substation Rehabilitation	Step-down power transformer replacement, ground grid and fencing repair. Funding is provided for planning, design, and implemenation.	$ 1,900,000	Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 1,900,000.00	No Alternative Options	$ 1,900,000.00
Montana	P-S MBP, HELENA VALLEY UNIT	MB-ART	HVID Regulating Reservoir Maintenance	The HVID Regulating Reservoir Maintenance Project will consist of rehabilitating the degraded drop inlet structure at the inlet to the regulating reservoir, replacing the old gate house for the regulating reservoir outlet works, and installing a new flow measurement station upstream of the regulating reservoir. Funding is provided for planning, design, and implementation.	$ 905,661	Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 905,661.00	May Be Able to Supplement Federal Funding	$ 905,661.00
New Mexico	CARLSBAD PROJECT	UCB	Sumner Spillway Radial Gates Project	Included in the potential scope are three radial gates, hoist deck, all hoist equipment and electrical gear. A temporary bridge and bypass road may need to be constructed for local traffic. Funding is provided to complete a planning study, and subsequently for design and implementation as necessary.	$ 85,991,203	Planning Study and Environmental	Ongoing coordination with project beneficiaries in accordance with previously agreed upon terms.	Not Applicable	Not Applicable	$ 39,535,341.00	May Be Able to Supplement Federal Funding	$ 39,535,341.00
New Mexico	MIDDLE RIO GRANDE PROJECT	UCB	Lower San Acacia Reach Improvements Project	The Rio Grande is a sediment laden river that requires extensive management to effectively convey water. Within the Lower San Acacia Reach, infrastructure will be reconfigured and 15 miles of the Rio Grande will be realigned to improve conveyance, increase endangered species habitat, and provide a long-term sediment management strategy that aligns with geomorphic processes. Funding is provided to complete a planning study, and subsequently for design and implementation.	$ 268,671,000	Planning Study and Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 143,000,000.00	May Be Able to Supplement Federal Funding	$ 143,000,000.00
New Mexico	RIO GRANDE PROJECT	UCB	Elephant Butte Historic District Facility Rehabilitation	Project includes stabilization of structure, drainage improvements, and filling void under the structure due to a broken irrigation line. Phase 2 design includes the removal and replacement of the solarium where most structural damage has occurred. Funding is for design and implementation.	$ 6,800,000	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 3,200,000.00	No Alternative Options	$ 3,200,000.00
New Mexico	RIO GRANDE PROJECT	UCB	Elephant Butte Power Plant Roof Repair	The project will protect the operations control center for power generation and normal irrigation releases from Elephant Butte Reservoir. Funding is provided for design and implementation.	$ 888,000	None	No Present Concerns	Not Applicable	Not Applicable	$ 888,000.00	No Alternative Options	$ 888,000.00
New Mexico	RIO GRANDE PROJECT	UCB	Elephant Butte Historic District (Fish Hatchery)	The funding will replace up to 23 roofs at Elephant Butte Historic District Fish Hatchery. This includes several building types, including one that holds the well and electrical to support the water system at Elephant Butte Dam and Office (including fire suppression during hydropower production), the Dam Site and the Fish Hatchery Recreation Area. Funding is provided for design activities and implementation.	$ 2,450,000	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 625,000.00	No Alternative Options	$ 625,000.00
New Mexico	RIO GRANDE PROJECT	UCB	Elephant Butte Power Plant HVAC System	Modify plant HVAC design to improve working conditions inside of powerplant. Installing HVAC units will provide stable ambient conditions for powerplant personnel and equipment. Personnel and equipment are currently exposed to high summer temperatures and cold winter temperatures, reducing equipment lifespans and creating hazardous working conditions for personnel. Funding is provided for implementation.	$ 1,321,227	None	No Present Concerns	Not Applicable	Not Applicable	$ 619,000.00	No Alternative Options	$ 619,000.00
North Dakota	Tribal OM&R	MB-ART	Turtle Mountain PUC Waterline Replacement - Rolette and Shell Valley	This project aims to enhance the efficiency and reliability of the water supply infrastructure, addressing the critical need for upgraded raw water collection lines. Scope includes design and construction of roughly 8 miles of 18" and 12" HDPE main, air release valves, pigging stations, flush hydrants, gate valves, system interconnections, seeding/mulching and erosion control. Funding is provided planning, design, and implementation.	$ 11,482,871	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 11,482,871.20	No Alternative Options	$ 11,482,871.20

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North Dakota	Tribal OM&R	MB-ART	Turtle Mountain PUC Hwy 5 Water Main Replacement	The project replace aging and failure prone 200 class PVC with new 250 class PVC. Design criteria will include 6 miles of 20" 250 class HDPE, system interconnections, roadway crossings, air release valves, seeding/mulching and erosion control. Funding is provided for planning, design, and implementation.	$ 10,831,393	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 10,831,393.21	No Alternative Options	$ 10,831,393.21
North Dakota	Tribal OM&R	MB-ART	Turtle Mountain BIA PUC Water Main Replacement	Project consists of replacing glued PVC pipe with gasket-ed PVC pipe. The existing water system in this area consists of glued PVC pipe,which has recently been leaking and breaking. The local utility department reported 19 leaks/breaks in 2023 in this area. When fixing the leaks, it was discovered that much of the pipe has a bury depth of about 3 to 4 feet, causing the piping to freeze. In addition, customers connected to the 1.5-inch and 2-inch water main see significant pressure loss during times of peak water demand. There are currently 65 existing customers in this area that are dealing with the issue of having the water system shut down due to leaks in the system and/or low-pressure during times of peak water demand. The project would replace all glued PVC piping with gasketed PVC water mains. Funding is provided for planning, design, and subsequently implementation.	$ 5,029,945	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 5,029,944.66	No Alternative Options	$ 5,029,944.66
North Dakota	Tribal OM&R	MB-ART	Fort Berthold Rural Water System (FBRWS) Master Meter Installation Project	The Project would install master meters at key locations in the Four Bears, Little Shell, Mandaree, Parshall-Lucky Mound, Twin Buttes and White Shield water service areas to facilitate the development of a reservation-wide automated meter reading system. Master meters need to be strategically located within water service areas to identify areas of water leaks or suspected unauthorized connections to the FBRWS. Funding is provided for planning, design, and subsequently a portion of implementation.	$ 3,410,000	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 3,410,000.00	No Alternative Options	$ 1,800,000.00
North Dakota	Tribal OM&R	MB-ART	Spirit Lake Rural Water Fort Totten Piping Project	This project includes 7,000 ft of PVC pipe, tie ins and appurtenances to elimnate the bottle neck restricting flow to areas of the town of Fort Totten. Funding is provided for planning, design, and subsequently implementation.	$ 755,789	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 755,789.00	No Alternative Options	$ 755,789.00
North Dakota	Tribal OM&R	MB-ART	Mandaree Community Metering Project	Mandaree Community Metering Project would install 138 water meters in the Mandaree community for all houses, businesses, and tribal buildings. Funding is provided for planning and design activities.	$ 1,345,000	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 1,345,000.00	No Alternative Options	$ 700,000.00
North Dakota	Tribal OM&R	MB-ART	Turtle Mountain Public Utility Commission (TMPUC) Reservoir C West Water Main Replacement	The existing water system in this area consists of glued PVC pipe, which has consistently been leaking and breaking at a higher number than expected for PVC pipe. AWWA states that the normal average for leaks in a PVC water system is .25 leaks per mile. In addition, some customers are connected to a 2-inch water main that cannot meet the water demands during times of peak use. In total the area would replace approximately 10 miles of water main that currently serves 105 customers in this area that are dealing with the issue of having the water system shut down due to leaks in the system. The proposal would replace all glued PVC piping with gasketed PVC water mains. Funding is provided for planning and design activities.	$ 5,904,948	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 530,495.54	No Alternative Options	$ 530,495.54
North Dakota	Tribal OM&R	MB-ART	Standing Rock Area Meter Project	This project was previously partially funded bythe Aging Infrastructure Account and the remainder of the project includes replacement of three Master Meter vaults and SCADA modernization to two Control Vaults on the Standing Rock Indian Reservation. Funding is proived for design and implementation.	$ 1,523,750	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 1,099,750.00	No Alternative Options	$ 500,000.00
North Dakota	Tribal OM&R	MB-ART	Turtle Mountain PUC Reservoir C East Water Main Replacement	The existing water system in this area consists of glued PVC pipe, which has consistently been leaking and breaking at a higher number than expected for PVC pipe. In total the project would replace approximately 12 miles of water main that currently serves 131 customers in this area that are dealing with the issue of having the water system shut down due to leaks in the system. The project would replace all glued PVC piping with gasketed PVC water mains. Funding is provided for planning and design activities.	$ 7,405,151	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 407,950.03	No Alternative Options	$ 407,950.03
North Dakota	Tribal OM&R	MB-ART	Spirit Lake Rural Water Media Replacement	Media Replacement includes removal and replacement of the water filter media in the Spirit Lake Water Treatment Plant's Tonka tank. Funding is provided for design and implementation.	$ 275,268	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 275,268.00	No Alternative Options	$ 275,268.00
North Dakota	Tribal OM&R	MB-ART	Spirit Lake Rural Water Treatment Plant (WTP) Pneumatic Valve Replacement	Replacement of all pneumatic valves in the Water Treatment Plant. Funding is provided for planning, design, and subsequently implementation.	$ 169,229	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 169,229.00	No Alternative Options	$ 169,229.00
Oregon	CROOKED RIVER PROJECT	CPN	Bend Field Office Utilities Replacement	The project includes the immediate repair of the septic system at the Scoggins Valley (County) Park. Funding is provided for design and implementation.	$ 35,000,000	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 2,117,680.00	No Alternative Options	$ 2,117,680.00

FY 2025 Aging Infrastructure Report to Congress
Extraordinary Maintenance Report Table

State	Project	Region	Title	Description	Anticipated Cost	Remaining Compliance	Repayment Analysis	Minimum Necessary Repayment Period if Different from Requested	Allocation of Funds from Deposits into Account	Amount Requested	Alternate Non-Federal Funding Options	Amount to be Funded
South Dakota	Tribal OM&R	MB-ART	SCADA System Replacement	Replace the outdated and supported PLC control panels in all booster and control valve stations, as well as replacing the central control unit with new servers that operate updated versions of Windows and SCADA software. The system telemetry will also be replaced to optimize and secure the communication methodologies. Funding is provided for planning and design activities.	$ 8,300,000	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 8,300,000.00	No Alternative Options	$ 1,835,000.00
South Dakota	Tribal OM&R	MB-ART	Potato Creek Tower Installation	The service area of the proposed Potato Creek Tower currently experiences low pressure dips below allowable safe drinking water act. A new tower at the proposed location is the most feasible way to address the low pressure and ensure continued service during repair periods. Funding is provided for planning and design activities.	$ 10,700,000	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 10,700,000.00	No Alternative Options	$ 1,100,000.00
South Dakota	Tribal OM&R	MB-ART	Porcupine and East of Sharps Pipeline Replacement	Construct 2000 linear feet (LF) of 12-inch HDPE water main in the Porcupine area and 9000 LF of HDPE water main East of Sharps Corner. This new pipe will replace existing waterlines that are failing and causing system leaks/breaks. Funding is provided for planning and design activities.	$ 3,100,000	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 3,100,000.00	No Alternative Options	$ 705,000.00
South Dakota	Tribal OM&R	MB-ART	Booster Station Controls Replacement	Replace 47 variable frequency drives at 17 different booster stations throughout the water system. Funding is provided for planning and design activities, and subsequently a portion of implementation.	$ 4,000,000	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 4,000,000.00	No Alternative Options	$ 500,000.00
South Dakota	MNI WICONI PROJECT	MB-ART	Water Treatment Plant (WTP) Rehabilitation	The project scope includes asphalt repair and chip sealing the parking lots and driving lanes; replace existing WTP roof or remove and reset/replace heaved and cracked pavers and repair exposed membrane and damaged ballasts; HVAC rehabilitation to include replacing 1 water heater, replace 3 gas furnaces and associated condensing units, replace 14 gas unit heaters, replace 7 gas radiant unit heaters, replace 9 exhaust fans, replace 1 make-up air unit (heat exchanger 1), and replace 12 sprinkler heads (all chemical room heads). Funding is provided for planning and design activities.	$ 2,464,000	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 2,464,000.00	No Alternative Options	$ 434,000.00
South Dakota	Tribal OM&R	MB-ART	North Core SCADA Replacement	Replace existing discontinued control components with modern components; replace low speed, low bandwidth, low reliability aging serial communications with updated communications and redundancy system; replace existing enclosures with updated panel layouts and documentation. Funding is provided for planning and design activities.	$ 1,325,500	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 1,325,500.00	No Alternative Options	$ 355,500.00
South Dakota	Tribal OM&R	MB-ART	Rockyford Pipe Replacement	This project includes an 8-inch water main parallel to the existing 3-inch water main to maintain system capacity and address pressure deficiencies. Funding is provided for planning and design activities.	$ 1,300,000	Environmental	No Repayment Required	Not Applicable	Not Applicable	$ 1,300,000.00	No Alternative Options	$ 262,000.00
Utah	PROVO RIVER PROJECT	UCB	Deer Creek Power Plant Generator Rewinds	Design for Rewind of Generators G1 and G2 at Deer Creek power plant. Funding is provided to complete design activities.	$ 2,400,000	Planning Study and Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 400,000.00	No Alternative Options	$ 400,000.00
Washington	OTHER	CPN	Leavenworth Fisheries Complex	Scope includes continued work on the Surface Water Intake Fish Screen and Fish Passage facility and the Winthrop Circular Tanks. Funding is provided for planning, design, and subsequently implementation.	$ 62,810,061	Planning Study and Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 40,000,000.00	No Alternative Options	$ 40,000,000.00
Washington	YAKIMA PROJECT	CPN	Roza Fish Screen Modification	Modify fish screen. The current fish screening system at the Roza diversion is not in compliance with current screening criteria and has excessive maintenance costs. Activities include an in-river, self-baffling and self-cleaning, rotating wedgewire T-Screen system to provide the most benefits to fish and still supply the needed volume of irrigation and power generation water. Funding is provided for implementation.	$ 37,862,345	None	No Repayment Required	Not Applicable	Not Applicable	$ 13,350,000.00	No Alternative Options	$ 13,350,000.00
Washington	COLUMBIA BASIN PROJECT	CPN	West Canal Replacement	This funding will be used to replace the concrete lining of the West Canal from approximately Station 673+00 to 848+00 with a geomembrane liner underneath and new concrete lining. Replace the concrete liner from Station 879+00 to 853+00 with geomembrane liner under a concrete liner with the addition of a ground water collection system. Funding is provided to complete a planning study, and then subsequently for a portion of design and implementation.	$ 28,281,041	Planning Study and Environmental	No Present Concerns	Not Applicable	Not Applicable	$ 25,000,000.00	Considered Options and None Feasible	$ 4,500,000.00
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