



Association of State Dam Safety Officials

INFRASTRUCTURE INVESTMENT AND JOBS ACT SUMMARY – INVESTMENT IN DAMS: REHABILITATION, RETROFIT & REMOVAL

Approximately \$3 Billion in Total Investment

What does it mean for Dam Safety?

The Infrastructure Investment and Jobs Act of 2021 (IIJA) invested over \$900 million in funding to existing federal programs for dam safety.

\$585 million total to FEMA for High Hazard Potential Dam Rehabilitation grants (current appropriation - \$12 million per year).

\$148 million total to FEMA for State Assistance Grants to support state dam safety programs (current appropriation – less than \$9 million per year).

\$67 million total under FEMA Operations and Support for the National Dam Safety Program (current appropriation – about \$3 million per year)- includes admin, training, research, and public outreach.

\$118 million total for NRCS Small Watershed Rehab Program Grants (current appropriation – about \$10 million per year).

What does it mean for Dam Removal?

The IIJA invested over \$800 million in funding to existing federal programs for dam removal.

\$400 million to NOAA for the Community Based Restoration Grant Program.

\$200 million to the US Fish & Wildlife Service for the National Fish Passage Program.

\$75 million to FEMA earmarked for removal as part of the High-Hazard Potential Dam Rehabilitation Program (part of the \$585 million package listed above).

\$115 million to the US Army Corps of Engineers for the Section 206 Aquatic Ecosystem Restoration Program.

\$10 million to the US Forest Service for the Legacy Roads & Trails Program for removal of non-hydropower federal dams.

What does it mean for Improving Clean Energy Production/Retrofitting Dams for Hydropower?

The IIJA invested over \$800 million in funding to existing federal programs for hydropower industry incentives for dam safety and retrofit to increase clean energy production.

\$553 million to the Dept of Energy Water Power Technologies Office - New Section 247 in EAct 2005 that establishes a grant program to support grid resilience, dam safety upgrades, and environmental enhancements at existing hydropower facilities.

\$125 million to the Dept of Energy – Water Power Technologies Office – Revises Section 242 in EAct 2005 for production incentives for adding hydropower capacity at existing dams and conduits.

\$75 million to the Dept of Energy - Water Power Technologies Office – Revises Section 243 in EPA Act 2005 for hydropower efficiency improvements at existing hydro projects.

\$10 million to the Dept of Energy - Water Power Technologies Office – Pumped Storage Hydropower Wind & Solar Integration & System Reliability Initiative.

\$40 million to the Dept of Energy - National Marine Energy Centers, appropriated for fiscal years 2022 through 2025.

Other programs receiving funding that will reduce the risks associated with dams.

\$64 million for the US Army Corps of Engineers will go to the Corps Water Infrastructure Financing Program (CWIFP) - new USACE program for low-interest loans for dam repair could provide up to \$900 million per year for dam rehabilitation loans.

\$492 million total to NOAA for studies including modernized precipitation frequency and probable maximum studies (i.e., nationwide PMP estimates).

Bureau of Reclamation - Western Water Infrastructure:

\$100 million for the rehabilitation, reconstruction, or replacement of a dam.

\$500 million for the safety of dams program.

\$250 million for design, study, and construction of aquatic ecosystem restoration and protection.

Bureau of Reclamation - Critical Maintenance and Repair (b) Carey Acts Projects- allows funds for the rehabilitation, reconstruction, or replacement of dams developed in accordance with the Carey Act and that the Governor of the state of the dam determined the dam is at the end of its life and poses a safety risk and they ask for Federal support. Estimated project costs need to exceed \$50,000,000.

\$100 million to the Bureau of Reclamation for dam rehabilitation, reconstruction or replacement.

EPA - Drinking Water State Revolving Loan Funds- amendments including **\$2.4 billion** or more available FY 2022-26, which in some instances can be used for dam rehabilitation projects.