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United States Senate
WASHINGTON, DC 20510-3104

COMMITTEES:
APPROPRIATIONS
ENERGY AND NATURAL RESOURCES
INTELLIGENCE
JOINT ECONOMIC

May 8, 2024

The Honorable Patty Murray
Chair
Subcommittee on Energy and Development
Committee on Appropriations
Washington, D.C. 20510

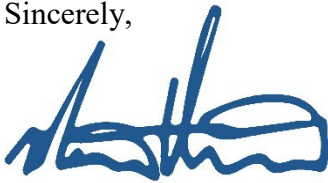
The Honorable John Kennedy
Ranking Member
Subcommittee on Energy and Water Development
Committee on Appropriations
Washington, D.C. 20510

Dear Chair Murray and Ranking Member Kennedy:

I certify that neither I nor my immediate family has a pecuniary interest in any of the congressionally directed spending items that I have requested in the Fiscal Year 2025 Energy and Water Development appropriations bill, consistent with the requirements of paragraph 9 of Rule XLIV of the Standing Rules of the Senate.

None of the entities for which I have requested congressionally directed spending are for-profit entities.

Sincerely,



MARTIN HEINRICH
United States Senator

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Heinrich, Martin(D-NM) Energy and Water Development Congressionally Directed Spending Requests

Recipient Name	Project Purpose	Project Location	Amount Requested (\$000)
Army Corps of Engineers (Civil)	The U.S. Army Corps of Engineers will conduct construction activities to support wildfire prevention and restoration in the Middle Rio Grande Bosque in and around the City of Albuquerque.	Albuquerque NM	\$500
Sovereign Energy	Sovereign Energy will provide clean energy microgrid education and technical assistance to Tribal Nations in New Mexico.	Bernalillo, Sandoval, Taos, Rio Arriba, Santa Fe, Valencia, Cibola, McKinley, Otero, San Juan Counties NM	\$279
Navajo Technical University	Navajo Technical University will lead a collaborative project with the University of New Mexico to develop technologies to assess and map radiation contamination levels from abandoned Cold-War era uranium mines.	Crownpoint NM	\$999
n/a	Eastern New Mexico Water Utility Authority will design and construct the Eastern New Mexico Rural Water Project to provide reliable domestic water to communities in eastern New Mexico and to Cannon Air Force Base.	Curry, Roosevelt, and Quay Counties NM	\$50,000
New Mexico State University	New Mexico State University will measure the rate of carbon capture and storage using the enhanced weathering of basalt rock dust method to establish the effectiveness of the method in semi-arid rangelands and arid agroecosystems.	Farmington and Las Cruces NM	\$632
City of Las Cruces	The City of Las Cruces and its community partners will develop a consumer home energy navigator program to ensure that low- and moderate-income households benefit from weatherization and electrification funding and financing opportunities.	Las Cruces NM	\$350
New Mexico State University	New Mexico State University will conduct a comparative study of ground source heat pumps and air source heat pumps in terms of energetic and economic performance in Las Cruces, NM for possible scaled application in southwest arid climates in the U.S.	Las Cruces NM	\$239
New Mexico State University	New Mexico State University will develop a statewide clean energy strategic plan.	Las Cruces NM	\$600
New Mexico State University	New Mexico State University will support the Navajo Nation's agricultural advanced energy transition design study	San Juan County NM	\$500
Bureau of Reclamation	The Bureau of Reclamation will design and construct the Navajo-Gallup Water Supply Project.	San Juan and McKinley Counties NM	\$100,000
Army Corps of Engineers (Civil)	The US Army Corps of Engineers will construct levees, create wetlands, and acquire land for fish and wildlife mitigation requirements.	Sandoval County and Valencia County NM	\$12,000
Army Corps of Engineers (Civil)	The Middle Rio Grande Endangered Species Collaborative Program will provide scientific, conservation, and educational services to support endangered species recovery activities in the Middle Rio Grande Basin.	Sandoval, Bernalillo, and Valencia Counties NM	\$2,000
New Mexico Institute of Mining and Technology	New Mexico Institute of Mining and Technology will investigate novel methods to use photo-electrolysis to produce zero-emissions hydrogen and critical minerals from brackish waters.	Socorro NM	\$400

New Mexico Institute of Mining and Technology	New Mexico Institute of Mining and Technology will acquire cutting-edge technology to improve geologic characterization for cross-cutting subsurface energy and storage applications.	Socorro NM	\$905
New Mexico Tech	New Mexico Institute of Mining and Technology will develop a new solar powered forward-osmosis desalination system to deliver clean drinking water to households on the Navajo Nation from available brackish water supplies.	Socorro NM	\$150
New Mexico Institute of Mining and Technology	New Mexico Institute of Mining and Technology will create a community-focused research group to develop and inform comprehensive and transformative Sustainable Energy and Carbon Management community engagement and education.	Socorro NM	\$499
New Mexico Institute of Mining and Technology	New Mexico Institute of Mining and Technology will deploy a high-temperature and high-pressure testing system to study impacts of coupled carbon mineralization processes on stimulated geologic hydrogen production and storage in volcanic minerals.	Socorro NM	\$1,000
Army Corps of Engineers (Civil)	The U.S. Army Corps of Engineers will construct water infrastructure projects in communities around New Mexico.	Statewide NM	\$81,370
Army Corps of Engineers (Civil)	The U.S. Army Corps of Engineers will design and construct irrigation infrastructure that is part of acequia systems in New Mexico.	Statewide NM	\$12,600
University of New Mexico	The University of New Mexico will establish an agrivoltaics testbed, fully integrated with smart sensors and microgrid solutions, to offer farmer-centric, low-cost, scalable PV technologies	Statewide, network based in Albuquerque NM	\$1,200
University of New Mexico	he University of New Mexico will improve the detection and real-time monitoring of methane leaks from natural gas transmission infrastructure to better reduce greenhouse gas emissions.	Statewide, network will be based in Albuquerque NM	\$500