

United States Senate
WASHINGTON, DC 20510-3203

June 16, 2021

The Honorable Patrick Leahy
Chairman
Senate Committee on Appropriations
Washington, D.C. 20510

The Honorable Richard Shelby
Vice Chairman
Senate Committee on Appropriations
Washington, D.C. 20510

The Honorable Dianne Feinstein
Chair
Subcommittee on Energy and Water
Senate Committee on Appropriations
Washington, D.C. 20510

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

Dear Chairman Leahy, Vice Chairman Shelby, Chair Feinstein, 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 2022 Energy and Water Development Appropriations bill consistent with the requirements of paragraph 9 of Rule XLIV of the Standing Rules of the Senate.

Thank you for your consideration of these important requests.

Sincerely,



Charles E. Schumer
United States Senator

**Schumer, Charles(D-NY) Energy and Water Development
Congressionally Directed Spending Requests**

| Recipient Name | Project Purpose | Project Location | Amount Requested (\$000) |
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| Town of Cheektowaga | In 2017, the Town of Cheektowaga was awarded the Clean Energy Community designation by NYS. In keeping with its goal to achieve energy efficiencies, the Town is embarking on a LED street light conversion plan using a grant award from this congressional spending request. | Cheektowaga, Erie County NY | \$3,060 |
| US Army Corps of Engineers | The Town of Evans is seeking a USACE CAP 107 for Navigation Improvements to address the position of the breakwall. The study and project have the potential to reduce future dredging needs and open up the Marina to more boat slips, thereby enhancing the economic development of the Marina and create new revenue sources for dredging costs. | City of Angola NY | \$200 |
| US Army Corps of Engineers | The requested funds will be used for a Section 103 Continuing Authorities Program feasibility study on the City of Kingston waterfront on the Rondout Creek. The study will analyze existing conditions and plan for shoreline stabilization and protection along the tidal creek. | City of Kingston, Ulster County NY | \$100 |
| US Army Corps of Engineers | This project is intended to fund a study of whether or not the 2001 River Road Army Corp project has contributed to the current erosion threatening multiple residences on River Road in the town of Rosendale, NY | Cottekill, Ulster County NY | \$100 |
| US Army Corps of Engineers | Requested funds will be spent on capital improvements to consolidate Chemung County's two wastewater treatment plants, Milton Street and Lake Street, into a single, regional treatment facility located at the Milton Street site. This will include engineering design and construction services, upgrades and expansion of the Milton Street treatment plant, conveyance of flows from Lake Street to Milton Street, and decommissioning of the Lake Street treatment plant. | Elmira, Chemung County NY | \$54,000 |
| US Army Corps of Engineers | 30,000 linear feet of water main replacements and looping improvements as well as upgrades to improve operation of the Village's water system and allow the Village to connect to the regional water source that is being brought to the area. | Frankfort, Herkimer County NY | \$3,000 |
| SUNY Geneseo | <p>"The SUNY Geneseo campus has approximately 50 buildings, totaling 2.4 million square feet of space. The buildings contain both a mix of emergency loads and non-essential loads connected to the power generation system. The campus is considered a residential campus that needs reliable power during the loss of utility in order to aide in the well-being of the student population. Academic buildings need emergency power for critical life-safety applications. SUNY Geneseo is also an emergency shelter for Livingston County and as such needs reliable emergency power.</p> <p>A campus wide power generation study (proj # 061050) was completed by CS Engineers in October 30,2020 and in review of the overall distribution system and the need for emergency power in order to serve the SUNY Geneseo campus community and Livingston County as an emergency receiver, the campus should consider an emergency generation system to provide full back-up power to the campus in the event of electrical utility failure.</p> <p>After thorough review of the existing electrical distribution system and discussions with campus representatives, the most cost effective and practical solution in order to meet the future vision and goals of the campus resulted in implementing a diesel generation system. The system would consist of 3-2MW generators which would be capable of providing full backup power to the University."</p> | Geneseo, Livingston County NY | \$6,100 |
| US Army Corps of Engineers | The hamlet of Holbrook has a one mile section of commercial enterprise that has the potential for environmental, economic and social benefits only realized if a sewer system is provided. This area exhibits the qualities for introducing mixed use zoning supported by both the County and Town. The proposed infrastructure includes approximate 6,200 feet of sewers, a pump station and a force main of 11,500 feet to existing County sewers. | Hauppauge, Suffolk County NY | \$8,000 |

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| US Army Corps of Engineers | The Town of Islip has received a Downtown Revitalization Initiative Award from the New York State Department of State to revitalize the downtown area of Central Islip to increase opportunities and business investment in the community. In collaboration with the Town, the County will design and install sewers in the vicinity of the LIRR station to serve the area around Carlton Avenue to Smith Street to convey wastewater to existing sewers and treatment facilities. Suffolk County Sewer District No. 3 Southwest will be extended to include the service area. | Hauppauge, Suffolk County NY | \$10,000 |
| US Army Corps of Engineers | The Town of Hempstead operates water wells in six Town controlled water districts in south west Nassau County servicing in excess 125,000 residents. Beginning 2013 with the implementation of contaminant monitoring, a number of compounds were discovered in the groundwater. These compounds are 1,4 dioxane, trichloropropane, chromium and other chemicals. The sources of these chemicals has been publicly identified as originated from the manufacturing operations in northern Nassau County. New York State Department of Health has mandated that these contaminants be eliminated by construction of treatment systems paid for by the Town of Hempstead. In addition, numerous home water service require removal of lead piping. The cost to remediate this pollution , including capital costs and increased operating costs are estimated by engineering firms to be in excess of \$200 million dollars. This would an exorbitant increase in taxes and water fees.. | Hempstead, Nassau County NY | \$212,000 |
| US Army Corps of Engineers | The Village of Woodbury requests \$443,800 for necessary repairs to the Amdur Park water system. Specifically, funding would be used to support water tank refurbishment, relocation, and installation, including new valves, electric, and control renovations; the fracking and development of two wells; and engineering, legal, and administrative costs. | Highland Mills, Orange County NY | \$444 |
| Town of Huntington | <p>The City of Huntington, New York, has experienced power outages during severe storms for several years, including an eight-day blackout following Superstorm Sandy in October 2012. The proposed microgrid project will improve resilience by forming a local electrical power system that can operate both in parallel with the utility grid during normal operations, and isolate, or "island" during severe weather events. The project also includes the undergrounding of all electric distribution within the microgrid footprint to further increase resilience against a variety of natural and technical hazards. The Town's facilities that will benefit from the microgrid are:</p> <p>Huntington Town Hall</p> <p>Flanagan Senior Center</p> <p>Huntington YMCA Heckscher Park Museum & Cottage</p> <p>Huntington Wastewater Treatment Plant</p> <p>Huntington Hospital</p> <p>The microgrid will provide power to critical facilities in the community (e.g., Town Hall, Hospital, Wastewater Treatment Plant, Senior Center) by employing the following distributed energy resources (DER).</p> <p>Huntington Hospital: 5.0 MW/ 10.8 MWh energy storage battery/inverter system</p> <p>Town Hall/ YMCA/ Senior Center: 2.5 MW Solar PV</p> <p>Wastewater Treatment Plant (WWTP): 3 MW Natural Gas fueled generator (for island mode peaking) 400 kW Natural Gas/Biogas CHP System 900 kW Diesel Existing (Only in case of primary generation failure)</p> <p>The project is in an advanced design stage. Feasibility analysis, detailed designs, and detailed design reports are all available for review upon request. The changes to the current designs being proposed are restricted to power generation and an expansion of the underground distribution system.</p> | Huntington, Suffolk County NY | \$28,068 |
| City of Ithaca | Implementation of a microgrid laboratory for the integration of clean energy resources including biogas-powered CHP, solar, energy storage and biogas gasification systems for biochar and hydrogen production. | Ithaca, Thompson County NY | \$1,000 |

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| US Army Corps of Engineers | The Town of Carmel is requesting \$500,000 to reline water pipes in its Consolidated Water District #2 (CWD 2). Specifically, funding will be used to pay for part of a professional services contract for one of the relining projects in CWD 2, at approximately \$125-\$150 per linear foot of water pipe. | Mahopac, Putnam County NY | \$500 |
| US Army Corps of Engineers | This funding request is for the US Army Corps of Engineers, Pittsburgh District, to begin a feasibility study for the Chautauqua Lake Aquatic Ecosystem Restoration Project, which was authorized in the Water Resourced Development Act of 2018, Public Law 115-270, Section 1201(b). Chautauqua County seeks to partner with the U.S. Army Corps of Engineers (USACE) to remediate water quality and other hydrological impairments of Chautauqua Lake, New York, and seeks to collaborate on a feasibility study to assess potential aquatic ecosystem restoration, flood mitigation, sedimentation and shoreline remediation, watershed erosion, and water recreation projects for Chautauqua Lake. | Mayville, Chautauqua County NY | \$100 |
| US Army Corps of Engineers | The funding is for the US Army Corps of Engineers, Buffalo District, to maintain dredge the federal channel in Barcelona Harbor (\$750,000), and to initiate a breakwater improvement study through a General Reevaluation Study or Limited Reevaluation Study for the breakwater in Barcelona Harbor (\$100,000). The federal harbor was authorized in the River Harbor Acts of 1936 and 1945, with extensions to the west and east breakwaters and wave absorbers in 1985. Much of the harbor is currently filled with sediment and the federal channel is obstructed such that most watercraft cannot enter the harbor. | Mayville, Chautauqua County NY | \$850 |
| US Army Corps of Engineers | For FY22 the County seeks \$943,000 for maintenance dredging (\$690,000) and engineering and design breakwater repairs (\$250,000) as stated in the USACE Buffalo District budget projects in the Dunkirk Harbor project fact sheet. | Mayville, Chautauqua County NY | \$943 |
| US Army Corps of Engineers | Chautauqua County is seeking Congress to provide \$930,000 in the FY22 USACE Operations and Maintenance account for breakwater repairs and maintenance dredging for Cattaraugus Creek, NY. The Cattaraugus Creek Harbor and breakwater were authorized in the Rivers and Harbors Act of 1968 and constructed by the US Army Corps of Engineers (USACE) in 1983 and has received no maintenance since then. It is a Harbor of Refuge on Lake Erie and home of at least 11 charter fishing boats. | Mayville, Chautauqua County NY | \$930 |
| City of Middletown | This project is the City's #1 priority and will create a reliable water source to provide water to the community of Middletown. Funds will be used to replace approximately 4,400 linear feet of 20-inch high pressure transmission main with new 24-inch diameter high pressure watermain from the lower entrance of the MCC to the intersection of Monhagen and West Main up to the intersection of West Main and Highland Ave and to the intersection of Wickham and Highland Ave. Also to replace approximately 12,400 linear feet of 24-inch low pressure watermain from the WTP up Monhagen Avenue (NYS Route 211) to the intersection of Monhagen and Fulton Street. Replace approximately 6,000 linear feet of 12-inch high pressure watermain from Middletown Park along Lake Ave to Wickham Avenue. These transmission mains supply drinking water to the entire City and are past their useful life and put the City at risk of catastrophic failure of the water system. The project will create a reliable water source to provide water to the community. | Middletown, Orange County NY | \$11,800 |
| US Army Corps of Engineers | The Village of Monroe was incorporated in 1894 and currently has a water main from the same year which is lead-lined, posing the potential of significant health risks to our community. The Village is rehabilitating streets, sidewalks, and crosswalks in Monroe and needs to fully replace the 1894 water main for the safety and health of all Village residents during this ongoing rehabilitation process. | Monroe, Orange County NY | \$250 |
| US Army Corps of Engineers | The Hudson Raritan Estuary (HRE) Ecosystem Restoration Feasibility Study will provide for the restoration of 20 restoration sites within the HRE that address long-term and large-scale degradation of aquatic habitat. For FY 22, \$ 9.178 million federal dollars are requested. This is required to move forward on resource assessment and planning, engineering and design for the first four projects: Restoration of the Stony Creek Marsh Island in Jamaica Bay; habitat improvements in Flushing Creek in Queens; enable migration of herring, eels, and other fish at the Bronx Zoo and Stone Mill Dams on the Bronx River; and creation of oyster reefs at Naval Station Earle in Raritan Bay. The | New York City, New York County NY | \$9,178 |

non federal share of \$ 4.92 M has been committed by local and state partners.

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| US Army Corps of Engineers | Replace aging water mains in the City of Norwich. | Norwich, Chenango County NY | \$6,000 |
| Incorporated Village of Brookville | Grant funding is requested of \$50,000 for an emergency 52 kW standby backup generator, and electrical work to configure, including wiring and automatic switchover for Village Hall, to avoid electrical outages and failures during a major storm event; A generator at the new Village Hall will ensure police and other vital Village services will have continuity of electrical power during major storms; A funding request of \$50,000 is requested. | Old Brookville, Nassau County NY | \$50 |
| US Army Corps of Engineers | As the Village invests in a new Indian Brook Water Treatment Plant, we must also consider upgrades and maintenance components of the distribution system-- the Lakeville Water Tank, which holds 1.5 million gallons of water and was originally built in 1964, is an integral part of that system, and its protective coating is in need of replacement. A new coating will be applied in order to restore the integrity of the tank and the safety of the overall water system, which serves residents of the Village and Town of Ossining, as well as the state-owned Sing Sing Prison located within the Village. | Ossining, Westchester County NY | \$3,450 |
| US Army Corps of Engineers | <p>"Construction West Arrowhead Breakwater Repair: \$5.0M Description: Funding would provide for the construction of Phase 2 repairs to the Oswego West Arrowhead Breakwater; work on this project will include finalizing the Plans and Specifications (PS) package, Ready-to-Advertise (RTA), contract solicitation, Independent Government Estimate (IGE), contract award, construction, contract oversight and administration and closeout. Phase 1 repairs were completed in 2019. Estimated time to contract award would be approximately 6-8 months. Estimated length of repair is 500 feet.</p> <p>The West Arrowhead protects Oswego Harbor. The structure exhibits advanced deterioration from exposure to both wave action and ice damage. Repair is needed to prevent accelerating damage to structure. The total required repair length is 1,600 linear feet (LF). Work was initiated in Fiscal Year (FY) 18 and continued in FY19. 500 LF of repair was completed in FY18 and an additional 600 LF was completed in FY19. This is the third and final phase of repairs and will complete an estimated 500 LF of breakwater repair, including the design and repair of the area protecting the Oswego West Pierhead Lighthouse that is listed on the National Register of Historic Places.</p> <p>Engineering Design West Arrowhead Breakwater Lighthouse: \$250k."</p> | Oswego, Oswego County NY | \$5,606 |
| City of Oswego | Tow Repair at City of Oswego High Dam | Oswego, Oswego County NY | \$225 |
| The Adirondack Lakes Survey Corporation | The Adirondack Lakes Survey Corporation respectfully requests funding for a project of \$2 million from the U.S. Department of Energy Budget for use in modernizing its laboratory and collection systems and expand its research into climate impacts on Adirondack waters. The grant would assist New York with its transition from monitoring the impacts of air pollution and acid rain under the federal Clean Air Act to include assessing the impacts of carbon and other greenhouse gases. For more than 40 years, the Adirondack Lakes Survey Corporation has carried out ecosystem testing, water chemistry measurements and other studies of the impacts of acid rain, smog and other pollutants on the waters of the Adirondack Park. Its work had been carried out primarily through grants from the U.S. Environmental Protection Agency, U.S. Dept. of Energy and New York State agencies. This funding request would allow ALSC to modernize its laboratory and collection systems, hire staff and expand its research into climate impacts on Adirondack waters. | Ray Brook, Essex County NY | \$2,000 |
| US Army Corps of Engineers | This project would provide \$500,000 for the Great Lakes Coastal Resiliency Study proposed by the U.S. Army Corps of Engineers (USACE). The study would help coordinate a long-term strategy across the Great Lakes states to more efficiently and effectively manage and protect the Great Lakes coastline, including the southern shore of Lake Ontario. In recent years, Central New York has faced historic flooding along Lake Ontario's southern shore, resulting in millions of dollars in damage to residences, businesses, and shoreline | Rochester, Monroe County NY | \$500 |

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| | infrastructure. Information and resiliency measures proposed under this study would provide Central New York shoreline communities with the guidance and resources necessary to mitigate flooding and ensure long-term resiliency along Lake Ontario. | | |
| US Army Corps of Engineers | This project involves replacement of the deteriorated water mains on Scottsville Road with a new 12-inch water main. | Rochester, Monroe County NY | \$2,415 |
| US Army Corps of Engineers | This project would provide \$500,000 for the Great Lakes Coastal Resiliency Study proposed by the U.S. Army Corps of Engineers (USACE). The study would help coordinate a long-term strategy across the Great Lakes states to more efficiently and effectively manage and protect the Great Lakes coastline, including the southern shore of Lake Ontario. In recent years, Central New York has faced historic flooding along Lake Ontario's southern shore, resulting in millions of dollars in damage to residences, businesses, and shoreline infrastructure. Information and resiliency measures proposed under this study would provide Central New York shoreline communities with the guidance and resources necessary to mitigate flooding and ensure long-term resiliency along Lake Ontario. | Rochester, Monroe County NY | \$500 |
| Incorporated Village of Rockville Centre | The Village of Rockville Centre is looking to place Solar Photovoltaic (PV) systems and PV battery storage for three (3) Municipal owned building rooftops: Police Headquarters, Village Hall and the Department of Public Works for at total of 737kw. | Rockville Centre, Nassau County NY | \$2,500 |
| City of Sherrill | Automatic meter reading(AMR) is the technology of automatically collecting consumption, diagnostic, and status data from water meter or energy metering devices (gas, electric) and transferring that data to a central database for billing, troubleshooting, and analyzing. This technology mainly saves utility providers the expense of periodic trips to each physical location to read a meter. Another advantage is that billing can be based on near real-time consumption rather than on estimates based on past or predicted consumption. This timely information coupled with analysis can help both utility providers and customers better control the use and production of electric energy, gas usage, or water consumption. | Sherill, Oneida County NY | \$250 |
| US Army Corps of Engineers | "The Coastal Storm Survey NY and PA Great Lakes watershed residents will identify both current storm impacts from the community's perspective, related community concerns, and potential gaps in adaptation protections. We will extend the Spatial Great Lakes Watershed storm vulnerability and community-centric critical infrastructure risk database to NY and PA with metrics to include socioeconomic vulnerabilities using census data, food deserts, surface drinking wells, septic fields, flooding, current FEMA, current FloodLab, and projected FloodLab data. We will evaluate other critical infrastructures such as emergency services (medical, EMS, fire, EOCs, shelters), communications (cell towers, looking for others), power (power and transfer stations, looking for others.) In addition, we will build NY and PA-based GIS story maps identifying risks to community-centric critical infrastructure for specific areas (linked to focus groups), covering a variety of population densities and vulnerability characteristics. Finally, we will hold 5 focus groups (budgeted for online), 3 in NY, 2 in PA and create a story map for a process to think through needed adaptations. This will be a tool to allow communities to modify Community Resilience and Adaptation Guidance based on focus groups in NY and PA to address Lake Ontario and Lake Erie watershed-focused concerns." | Sodus Point, Wayne County NY | \$150 |
| US Army Corps of Engineers | This project would repair the Town of Lewisboro's Oakridge Water District public water system, which was recently found to have PFAS levels above New York State's maximum contaminant level for public drinking water systems and in addition provide for repairs of the Wild Oaks Sewer district which has know ground water infiltration issues. | South Salem, Westchester County NY | \$3,800 |
| The Friends of The Mozartina Musical Arts Conser | The Music Hall's HVAC system was designed in the 1930s and it requires new equipment to meet modern standards. These include energy efficiency, covid-era expectations for air filtration, noise reduction and suitability for theater specific smoke effects to ensure that patrons have a superior live performance experience. | Tarrytown, Westchester County NY | \$650 |
| US Army Corps of Engineers | The requested funds will be used to clear Mill Pond of sediment, garbage, and invasive plant species. Without a clearing of Mill Pond the threat of flooding, and unsanitary conditions persist. | Valley Stream, Nassau County NY | \$5,000 |

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| US Army Corps of Engineers | The proposed Vernon Center Water District project will consist of approximately 6 miles of new water main and service laterals, a new elevated water tank and booster pump station Expansion. Water Infrastructure to provide clean, safe drinking water. | Vernon, Oneida County NY | \$3,000 |
| US Army Corps of Engineers | <p>The repair of the West Pier to the channel that connects Little Sodus Bay to Lake Ontario. The pier repairs consist of encompassing the existing pier with a new framing system and sheet piling reconstructing for approximately 650 linear feet (Both sides) of the pier which is approximately 20-25 feet in width.</p> <p>The estimated cost for this work is estimated to be \$7.5M to \$8.5M</p> <p>We have been working on funding through the Corp of Engineers for over four years as we continue to watch and observe the damage increasing over the years from the high flood waters of 2017 & 2019.</p> | Village of Fair Haven, Cayuga County NY | \$7,900 |
| US Army Corps of Engineers | Continued viability and growth of the Village of Mamaroneck is dependent upon the relief from flooding. Flooding continues to be a primary detriment to both the Village economic stability and to the very character of the Village, which is its diversity of population that it will no longer be able to support without the proposed Army Corps Flood Risk Management Project related to the Mamaroneck and Sheldrake Rivers, Village of Mamaroneck. This project will significantly reduce and eliminate flooding in our most precious communities. | Village of Mamaroneck, Westchester County NY | \$6,500 |
| US Army Corps of Engineers | The Great Sodus Bay Breakwater protects the bay, homes, and businesses from damaging waters, waves, and erosion caused by Lake Ontario. This funding is needed to complete breakwall repairs and fully protect all residents and properties that are situated along the bay. | Village of Sodus, Wayne County NY | \$6,950 |
| US Army Corps of Engineers | Funding will be used for a new water filtration facility at the Orchard Street Pump Station that will treat in-city water sources as a supplemental to their primary supply, which is purchased from New York City. The project provides water resiliency as well as cleanup for the PFAS contamination in the reservoir from an upstream source. | White Plains, New York County NY | \$5,000 |
| ArtsWestchester | ArtsWestchester, located strategically in downtown White Plains, accessible to every bus line, serving low and moderate-income individuals, requires \$850,000 to replace its faltering 25-year old 13 boilers with 4 new energy-efficient gas-fired units for its 9-story national landmark building. This project is part of a comprehensive program to reduce energy costs as recommended by NYSERDA and use those savings for education programs. | White Plains, Westchester County NY | \$850 |
| County of Westchester, NY | Electrical infrastructure capital improvements and acquisition of electric vehicle charging stations for both public and County use. | White Plains, Westchester County NY | \$500 |