

**Green Mountain Power
Interim and Rate Year Capital Projects
Facilities**

Project Number and Title	Additional Information	Project Description	Project Justification
Property & Structures - Interim Year (Oct. 1, 2021 - Sept. 30, 2022) Total = \$1,018,752			
170881: Montpelier Restrooms (4)	Project Type: Property & Structures In-Service Month: 12 In-Service Year: Sep 2022 Fiscal Year: FY2022 Primary Purpose: Operational Efficiency Secondary Purpose: Customer Service Total Project Spending: \$176,401	This project is to renovate all of the bathrooms located in the Montpelier Service Center office areas. There are two (2) male bathrooms, one (1) female bathroom and one (1) gender-neutral bathroom. These bathrooms will be updated with new sinks, new fixtures, new countertops, modern lighting, new wall partitions and a fresh coating of paint. The lighting fixtures will be replaced and improved with energy conservation LED fixtures. The toilets and sinks will be updated with low flush and low flow fixtures for water conservation.	The project is necessary at this time due to the age of the facilities and the current condition of the bathrooms, which warrants replacement. The current bathrooms are roughly 20 years old and have experienced very heavy usage. The wall partitions are starting to fail due to their age with a heavy layer of rust. The counter tops are delaminating and warping because they are roughly 20 years old. The replacement of those countertops will allow them to be more easily cleaned and maintained, and therefore more sanitary for users. The plumbing fixtures are also roughly 20 years old and do not comply with current, modern conservation standards.
170959: Montpelier Carpets	Project Type: Property & Structures In-Service Month: 12 In-Service Year: Sep 2022 Fiscal Year: FY2022 Primary Purpose: Customer Service Secondary Purpose: Operational Efficiency Total Project Spending: \$44,264	Install new carpet tile at GMP Montpelier Facility.	The existing carpet is worn, stained and over 10 years old.
170963: Replace Security System	Project Type: Property & Structures In-Service Month: 12 In-Service Year: Sep 2022 Fiscal Year: FY2022 Primary Purpose: Safety Secondary Purpose: Reliability Total Project Spending: \$556,055	This project is to replace the Maxxess Security Operating System in 18 office/district service centers and 7 power production sites of GMP facilities. The new system will include all new equipment and wiring to replace the aged infrastructure. The project will also include a new operating system to allow us to adjust access permission for each door and area, which will allow GMP to limit access to certain areas and provide the ability to make quick changes to the system in the event of an incident to protect our facilities and employees.	The existing security system is 30 years old and the system controllers, processors and wiring are failing. The controllers, processors and wiring are failing due to their age and the current operating system is not going to be supported in the near future. Additionally, the operating systems functionality is out date and need to be updated to match our needs to protect our infrastructure and for employee safety.
170971: Facilities Blanket	Project Type: Property & Structures In-Service Month: 12 In-Service Year: Sep 2022 Fiscal Year: FY2022 Primary Purpose: Reliability Secondary Purpose: Customer Service Total Project Spending: \$242,033	This project encompasses the Facilities Dept. "blanket" purchases throughout Fiscal Year 2022. These purchases consist generally of miscellaneous furniture, racking, shelving and equipment that need to be replaced due to breakdowns or failures.	This Project covers unexpected replacement of furniture, racking, shelving and equipment due to breakdowns or failures, which ensures all building facilities throughout the State remain fully functional and effective throughout the year.

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180855: WRJ Office and Garage Renovation	Project Type: Property & Structures In-Service Month: 2 In-Service Year: Nov 2022 Fiscal Year: FY2023 Primary Purpose: Operational Efficiency Secondary Purpose: Safety Total Project Spending: \$560,059	This project is to expand and renovate the office area and garage of the White River Junction service center facility. The project will include expanding the office area into the present stockroom area, renovating the aged kitchen area, renovate bathrooms, removing walls in the garage to create more space, adding doors and installing sprinkler system into the now vacated tenant space to expand into and combine the present GMP garage/stockroom and the tenant stockroom.	The GMP White River Service Center has become too crowded with added employees, vehicles, equipment and inventory. Reel trailers, wire puller, UTV and a lot of inventory currently has to be stored outside in the elements because of the lack of room. This jeopardizes their ability to be used when needed due to ice/snow and shortens the life span of the equipment. The office and kitchen have also become overcrowded for normal use and when being used for storm related work. The bathrooms are not in proper sanitary condition and don't meet present ADA requirements.
Property & Structures - Rate Year (Oct. 1, 2022 - Sept. 30, 2023). Total = \$2,767,018			
170892: St Johnsbury Generator	Project Type: Property & Structures In-Service Month: 12 In-Service Year: Sep 2023 Fiscal Year: FY2023 Primary Purpose: Reliability Secondary Purpose: Customer Service Total Project Spending: \$117,829	This project is to replace the generator at the Saint Johnsbury Service Center. The current generator at this facility is 25 plus years old and replacement parts are no longer being manufactured. The current generator is an 18kw model and only provides electrical service to a small portion of the facility during an electrical grid outage. The proposed new generator is a 100kw model and will provide service to the entire building during an outage.	The current generator in the St Johnsbury Service Center is 25 plus years old and replacement parts are no longer being manufactured. If there is a failure with the current generator, this essential district building will be without a backup generator. Having the entire facility on a generator during an outage event will help service restoration efforts by insuring that both the office areas, garage and stockroom are fully functional and can be utilized by employees during this time. This will also allow employees to safely access the entire facility at all times.
170964: Sunderland Generator	Project Type: Property & Structures In-Service Month: 9 In-Service Year: Sep 2023 Fiscal Year: FY2023 Primary Purpose: Reliability Secondary Purpose: Customer Service Total Project Spending: \$113,851	This project is to replace the current 18kw generator and transfer switch in the Sunderland Service Center. The proposed new generator, transfer switch and wiring is a 100kw, which will be able to carry the entire building during an outage.	The current generator in the Sunderland Service Center is 25 plus years old and parts are no longer being manufactured. If there is a failure of the current generator the district will be without a backup generator. Additionally, the small size of the current generator (18kw) only carries a small portion of the facility during an outage. Replacing the generator and transfer switch with a large enough unit to carry the entire facility will ensure that employees will be able to safely access the entire facility during storms and outages and help facilitate service restoration.

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171011: RDSC Paving	Project Type: Property & Structures In-Service Month: 1 In-Service Year: Oct 2022 Fiscal Year: FY2023 Primary Purpose: Safety Secondary Purpose: Customer Service Total Project Spending: \$328,186	This project is to replace approximately 101,800 ft ² of failing pavement and inadequately graded areas in the parking/driveway of the Rutland District Service Center. This project will consist of removing the existing pavement and the removed materials will be sent to a recycling facility to be reused in a future paving project. The yard will be regraded and additional materials will be added to improve drainage if necessary. All areas will be compacted and the portions of the yard which are not connected to the catch basins will be graded so as to drain towards permitted run off areas. We will also put down 5" of asphalt (done in 2 courses) and mark pavement for parking spaces. This project will be done in compliance with town regulations and State of Vermont Storm water rules and regulations.	The existing yard and driveway at our Rutland District Service Center has areas where the pavement is not graded properly and has minimal drainage. Water frequently ponds in the yard and also backs up towards the building due to a lack of yard grading and asphalt. Due to the inadequate pavement grading, the asphalt has settled and is breaking up. The water ponding causes a safety concern with icy spot where slips, trips and falls could occur.
176264: EMAC HVAC System Upgrade	Project Type: Property & Structures In-Service Month: 12 In-Service Year: Sep 2023 Fiscal Year: FY2023 Primary Purpose: Operational Efficiency Secondary Purpose: Customer Service Total Project Spending: \$271,685	This project is to replace the HVAC system in the Rutland EMAC facility. The project is to remove all of the existing oil supplied equipment and to replace with new LP gas HVAC equipment. The areas covered will be unit heaters for the warehouse, garage, and work area where hydronic heaters are located now. The scope will also include a new roof top unit for the office area.	The existing HVAC system is 30 plus years old, uses #2 heating oil for a fuel source, and parts are no longer being manufactured. If there is a failure of the current the HVAC system, the facility could face the possibility of a freeze up in the winter months. Frozen pipes can burst and cause damage to existing lighting, computers, stock, etc.

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176265: OH Paving	Project Type: Property & Structures In-Service Month: 12 In-Service Year: Sep 2023 Fiscal Year: FY2023 Primary Purpose: Safety Secondary Purpose: Operational Efficiency Total Project Spending: \$221,084	This project is to replace approximately 65,000 ft ² of failing pavement in the parking/driveway of the Rutland Operations Headquarters. This project will consist of removing the existing pavement and the removed materials will be sent to a recycling facility to be reused in a future paving project. The yard will be regraded and additional materials will be added to improve drainage if necessary. All areas will be compacted and the portions of the yard which are not connected to the catch basins will be graded so as to drain towards permitted run off areas. We will also put down 5" of asphalt (done in 2 courses) and mark pavement for parking spaces. This project will be done in compliance with town regulations and State of Vermont Storm water rules and regulations.	The existing yard and driveway at our Rutland Operations Headquarters has areas where the pavement is not graded properly and has minimal drainage. Water frequently ponds in the yard and also backs up towards the building due to a lack of yard grading and asphalt. Due to the inadequate pavement grading, the asphalt has settled and is breaking up. The water ponding causes a safety concern with icy spot where slips, trips and falls could occur. The new pavement will also make snow removal (plowing) more effective.
176267: RDSC Unit Heaters	Project Type: Property & Structures In-Service Month: 12 In-Service Year: Sep 2023 Fiscal Year: FY2023 Primary Purpose: Operational Efficiency Secondary Purpose: Customer Service Total Project Spending: \$67,727	This project is to replace the unit heaters in the Rutland District Service Center garage. There are currently 10 unit heaters in the Rutland District Service Center. The space has been re-engineered and we will replace those 10 heaters with only 6 high efficiency unit heaters that will condition the entire space.	The unit heaters in the Rutland District Service Center are 20 plus years old and parts are no longer being manufactured. If there is a failure of the current unit heaters, the building could face the possibilities of a freeze up in the winter months. Frozen pipes can burst and cause damage to lighting, computers, stock, etc.
176269: Vergennes Concrete	Project Type: Property & Structures In-Service Month: 12 In-Service Year: Sep 2023 Fiscal Year: FY2023 Primary Purpose: Safety Secondary Purpose: Operational Efficiency Total Project Spending: \$41,939	This project is to replace the concrete slab in the truck garage and storage outbuilding at the Vergennes Service Center. The concrete approaches (aprons) outside the garage and outbuilding bay doors will also be replaced. The floor drains in the garage will be replaced as well.	The existing concrete floor in the truck garage and outbuilding are heavily cracked, spalled and broken up which makes them unsafe. The outbuilding is used for material/equipment storage and the existing floor makes it extremely difficult and unsafe to deliver and retrieve those materials. The floor drains in the truck garage are compromised and do not function as needed.

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176270: Wilmington Yard Expansion	Project Type: Property & Structures In-Service Month: 12 In-Service Year: Sep 2023 Fiscal Year: FY2023 Primary Purpose: Operational Efficiency Secondary Purpose: Safety Total Project Spending: \$619,376	<p>This project is to expand the yard storage area at the Wilmington Service Center as well as replace the failing pavement in the parking lot area and driveway at the service center. The gravel subbase in the driveway will be replaced with new material as well.</p> <p>More specifically, this project consists of expanding the yard area next to the building that will involve a new retaining wall, gravel base and stormwater infrastructure. We will also put down 4" of asphalt (done in 2 courses) on the driveway and parking areas. This project will be done in compliance with local regulations, Act 250 Permitting and State of Vermont stormwater rules and regulations</p>	<p>The existing yard at our Wilmington Service Center is undersized for our needs. The legacy GMP service center was sold after the company merger and everything was moved into the present location (legacy CVPS building). The combination of the merging of equipment and an increase in distribution construction projects over time has resulted in an overly constrained site for both materials and equipment. The existing pavement in the yard area and the driveway is broken up and is not adequate for vehicular travel and snow plowing. Together, these issues have resulted in very poor and, at times, unsafe operating conditions.</p>
176271: Colchester Floor Drains	Project Type: Property & Structures In-Service Month: 12 In-Service Year: Sep 2023 Fiscal Year: FY2023 Primary Purpose: Safety Secondary Purpose: Operational Efficiency Total Project Spending: \$23,364	This project is to add floor drains in the Relay and Electrical Maintenance garages in our Colchester Facility.	In the past, this area was used for stock and inventory but is now used for vehicle parking. During bad weather conditions, the vehicles carry in salt and water which has started to rust door frames and other items stored in the garage. The floor drains will allow the salt and water to drain to help prevent any further damage to the building.
176272: Facilities Blanket	Project Type: Property & Structures In-Service Month: 12 In-Service Year: Sep 2023 Fiscal Year: FY2023 Primary Purpose: Reliability Secondary Purpose: Customer Service Total Project Spending: \$401,917	This project encompasses the Facilities Dept. "blanket" purchases throughout Fiscal Year 2023. These purchases consist generally of miscellaneous furniture, racking, shelving and equipment that need to be replaced due to breakdowns or failures.	This Project covers unexpected replacement of miscellaneous furniture, racking, shelving and equipment due to breakdowns or failures, which ensures all building facilities throughout the State remain fully functional and effective throughout the year.