Project Number and Title	Additional Information	Project Description	Project Justification
Customer Driven Storage - Rate Year (Oct. 1, 2026 - Sept. 30, 2027) Total=$17,411,184			
203271: FY27 ESS	Project Type: Customer Driven Storage In-Service Month: Quarterly In-Service Year: 2027 Fiscal Year: FY2027 Primary Purpose: Innovation Secondary Purpose: Reliability Total Project Spending: $17,411,184	The ESS tariff is an energy storage lease program available to eligible GMP customers for home battery backup. The tariff offers customers the option to have an energy storage system comprised of two Tesla energy storage batteries, or equivalent as available under the tariff, installed in their home to provide a whole-home backup solution when needed during a grid outage. The systems are installed for a one-time, upfront charge of $5,500 or $55/month for ten years and will renew annually automatically through the reminder of the energy storage system's useful life at no additional cost to the participating customer. GMP utilizes the energy storage systems in the ESS lease program to provide benefits to all GMP customers by reducing peak costs during the monthly transmission peaks, annual capacity peak, through energy arbitrage and frequency regulation, and through any new value streams that emerge. This is done by using Distributed Energy Resource Management Systems (DERMS) including Tesla's GridLogic aggregation software platform, Autobidder, and Virtual Peaker, which provide GMP the ability to control the charging and discharging of each energy storage system as an aggregated group. Program participation and volume are determined by customer sign up and installation pace. Over the past twelve months, a monthly average of 75 customers signed up for the ESS program, with an average monthly installation pace of 61 systems/month. GMP expects to install and close to plant approximately 720 systems under this project (average of 60/mo).	This project is necessary at this time because it supports the pillars of GMP's innovative project framework by providing an offer that customers want from GMP, produces value for all non-participating customers, is a resource for GMP to iterate on creating and managing a distributed, connected, two-way grid, and has a tariff rider so the program can be accessed by all interested eligible customers. In the first few years that the ESS tariff was available to customers, full enrollment was achieved, leading GMP to request a lifting of the 5MW cap to meet customer demand and support the 1,000+ customer waitlist. The feedback has been resoundingly positive, and GMP continues to see customers signing up regularly. Additionally, it is increasingly important to reduce overall system costs for all GMP customers by utilizing these resources to reduce transmission costs through peak shaving. It also remains important to utilize these new tools and resources to drive down other power supply expenses and create new, non-traditional' revenues that flow back to non-participating customers. This project provides both, while giving the host customer an alternative to a fossil-fuel-fired generator for backup power - one that has no maintenance, emissions or noise and provides seamless, instantaneous backup.
New Initiatives - Interim Year (Oct. 1, 2025 - Sept. 30, 2026) Total = $3,980,299			
180000: Grafton Resiliency Zone	Project Type: New Initiatives In-Service Month: 12 In-Service Year: 2025 Fiscal Year: FY2026 Primary Purpose: Innovation Secondary Purpose: Reliability Total Project Spending: $1,819,816	Climate change has led to an increase in the frequency and severity of storms in GMP's service territory, and those impacts are only expected to intensify in the future, leading to increased costs and decreased reliability for customers if not addressed. Building on our experience implementing a cutting-edge microgrid in Panton, Vermont, GMP will pilot a Resiliency Zone in Grafton, Vermont. What's a Resiliency Zone? A community hub that stays connected even when the power goes out Leverages renewable generation, battery storage, and other innovations to prevent outages and help communities bounce back more quickly if outages do occur A custom plan in partnership with community A focused resiliency improvement for vulnerable customers in areas with challenging reliability that overlap with other challenges such as lacking communications networks. Using a multivariate analysis of outage, connectivity, and social vulnerability indicators, our team has identified high priority towns to target for Resiliency Zones. We will begin with Grafton, which will entail providing home battery systems to 62 eligible customers who have experienced over 20 outages between 2018 and 2020 through a pilot program. The batteries will be offered to these customers at no cost and participants will benefit from backup power that is needed in order to maintain phone communications during power outages due to the fact that they are utilizing fiber to home and will lose phone when the power is out. As with all our storage programs, the storage will also be used to lower power supply costs during peak energy times. In late 2021, GMP issued an RFP for the energy storage system installations in the pilot. Update: A pilot filing for this project was filed in FY22 in advance of the FY23 rate period. Installations were completed in November 2024 with some ongoing system troubleshooting for system connectivity for control and performance data through August 2025 with the project closing in December 2025.	This project is necessary at this time because of the increasing frequency in severe storms that threaten the reliability of GMP's grid in specific areas such as the town of Grafton. The customers in this area rely on a fiber to the home network for telephone communications, they can lose all connectivity with the outside world once the fiber modems lose their grid connectivity. With no cellular connectivity, this can create a dangerous situation for customers in this area during a major event. Reliability becomes a matter of safety. Customers in the proposed location each experienced over 20 outages between 2018 and 2020. This project will improve upon GMP's SAIFI, CAIDI, and SAIDI reliability metrics specifically as it relates to these customers. Discovering new solutions for customers beyond the traditional poles and wires is a must to keep up with the ever changing, ever worsening weather impacts driven by climate change. We estimated what it would take to strengthen the distribution system and attempt to provide a similar level of improved reliability to these customers, but storage in the home provides more direct reliability.
186276: Hydro Plant EV Chargers	Project Type: New Initiatives In-Service Month: 12 In-Service Year: 2025 Fiscal Year: FY2026 Primary Purpose:Operational Efficiency Secondary Purpose: Safety Total Project Spending: $137,327	This project is to install approximately 10 level 2 EV chargers across six of GMP's generation sites to support GMP's fleet of electric vehicles and so field operations team members can reliably travel to and from generation sites. The scope of work involves selecting generation sites for EV charger installation, purchasing new, level 2 EV chargers, and coordinating installation with local contractors.	This project involves installing new level 2 EV charging stations at locations that will meet the needs of the increasing number of electric vehicles in GMP's fleet. EVs are an important part of GMP's fleet planning and provide lower long-term operating costs.
194296: FY25 EVSE Infrastructure	Project Type: New Initiatives In-Service Month: 12 In-Service Year: 2025 Fiscal Year: FY2026 Primary Purpose: Innovation Secondary Purpose: State Energy Policy Total Project Spending: $745,603	This project involves installing infrastructure for new, higher-powered level 3 (100 kW and above) fast charging stations at locations that meet the needs of the increasing number of electric vehicles in GMP territory. The scope of work involves selecting sites for new equipment, building out new infrastructure and services, and coordinating installation with local contractors. GMP will focus on locations that are less likely to see fast charger development through other funding sources such as infrastructure budget opportunities. These less-traveled locations throughout Vermont will still be important spots for EV Fast Charging – both for customers that are passing through and need to charge and for GMP's own fleet to assure that as we transition to electric we have ubiquitous fast charging for our day to day work as well as storm response. We will look at some of our own properties as potential sites.	From 2014-2015, GMP deployed 14 fast charging stations around the state to help accelerate electric vehicle adoption. At the time of deployment, commercially available EVs were only capable of receiving a charge up to 50 kW, which is the maximum output of all deployed stations. With vehicles capable of charging at much higher power ratings, 50 kW is no longer sufficient to deliver a positive customer experience and ensure EVs can become mainstream. This is critical both for helping GMP achieve its Tier III targets under the Renewable Energy Standard and the state of Vermont meet its goals under the Comprehensive Energy Plan, which calls for 60,000 EVs by 2025

Project Number and Title	Additional Information	Project Description	Project Justification
194298: FY25 OBB	Project Type: New Initiatives In-Service Month: 9 In-Service Year: 2026 Fiscal Year: FY2026 Primary Purpose: Innovation Secondary Purpose: Reliability Total Project Spending: $220,726	The Resilient Neighborhood Pilot was launched in 2023 to deliver a comprehensive approach to electrification by launching the first all-electric neighborhood in Vermont. The innovative combination of generation and energy storage ensures that the neighborhood is resilient to storms and other disruptions and is also available as a grid asset helping all GMP customers by lowering costs. To achieve this, GMP partnered with O'Brien Brothers, a longstanding, multi-generation Vermont-based developer of popular neighborhoods—including both market rate and affordable homes—in Chittenden County. GMP built on our experience through previous tariffs and pilots and leveraged existing partners to equip each home with a Resiliency Package of solar plus storage for clean generation to provide backup power.	This project is a continuation of the Resiliency Package equipment for two, 3-unit triplex homes under construction during the pilot. As climate change increases costs due to the frequency and severity of damaging storms in Vermont, it is necessary to speed up the transition from fossil fuel to clean electricity and deliver solutions that strengthen the grid while driving down costs for all customers. Through this Pilot, we show how electrification of a neighborhood can help all GMP customers through its beneficial effects on the grid while also creating a resilient neighborhood that keeps residents connected through severe weather and other disruptions. Until now, this work has been done one home and one device at a time, across Vermont. This Pilot will demonstrate how we can make the transition to fully electric homes while having a positive impact on the grid. The Resilient Neighborhood will be leveraged as a grid resource supporting the surrounding system depending on the need of the day. The South Burlington location is ideal for proving out and learning from coordinated electrification because it is in an area where load is growing through expansion of business, such as Beta Technologies. Deploying a neighborhood-level grid resource there will help us learn not only how to create value day to day through load shaping, but also how such coordination can help reduce the need for other traditional grid upgrades. Both of these use cases can cut costs for all GMP customers throughout our territory. The critical transformation demonstrated by this neighborhood will prove that not only can the grid operate successfully for customers in these homes, but it can also provide a positive benefit for all customers and the greater grid we all share.
194303: FY25 ESAP	Project Type: New Initiatives In-Service Month: 9 In-Service Year: 2026 Fiscal Year: FY2026 Primary Purpose: Innovation Secondary Purpose: Reliability Total Project Spending: $350,328	The FY25 Energy Storage Access Program (ESAP) project is offered to support the ESAP rider to the ESS tariff that went into effect in June 2024. The ESAP rider enables GMP to provide approximately 100-137 income eligible customers with home energy storage under the ESS tariff, with ESAP grant funds covering the cost of the customer lease payment. ESAP funds are also used to support upgrades needed to enable the installation of an energy storage system at a customer's home. GMP will own, maintain, and dispatch the energy storage systems for the 10-year lease term. This project is expected to support the first approximately 15 installed systems.	This project is necessary at this time because in May 2024 GMP received a $1M ARPA funded grant from the Department of Public Service to design, implement, and administer the GMP ESAP Program in order to serve low and moderate LMI customers with energy storage at their homes. GMP is prioritizing households at or below 120% of Area Median Income (AMI), customers with a critical care designation, and have a high frequency of outages. These customers are often vulnerable during outages and may not be able to participate in the ESS tariff but for ESAP grant funding. ESAP energy storage systems will be installed by the eight local ESS lease installers. ESAP customers will receive the same system as ESS customers, consisting of two Tesla Powerwalls or equivalent batteries from other manufacturers, with a total approximate capacity of 27kWh.
196459: O'Brien Project phase 2	Project Type: New Initiatives In-Service Month: 9 In-Service Year: 2026 Fiscal Year: FY2026 Primary Purpose: Innovation Secondary Purpose: Reliability Total Project Spending: $706,498	The Resilient Neighborhood Pilot was launched in 2023 to deliver a comprehensive approach to electrification by launching the first all-electric neighborhood in Vermont. The innovative combination of generation and energy storage ensures that the neighborhood is resilient to storms and other disruptions and is also available as a grid asset helping all GMP customers by lowering costs. To achieve this, GMP partnered with O'Brien Brothers, a longstanding, multi-generation Vermont-based developer of popular neighborhoods—including both market rate and affordable homes—in Chittenden County. GMP built on our experience through previous tariffs and pilots and leveraged existing partners to equip each home with a Resiliency Package of solar plus storage for clean generation to provide backup power.	This project is a continuation of the Resiliency Package equipment for a combination of triplex and single-family homes under construction during the pilot. As climate change increases costs due to the frequency and severity of damaging storms in Vermont, it is necessary to speed up the transition from fossil fuel to clean electricity and deliver solutions that strengthen the grid while driving down costs for all customers. Through this Pilot, we show how electrification of a neighborhood can help all GMP customers through its beneficial effects on the grid while also creating a resilient neighborhood that keeps residents connected through severe weather and other disruptions. Until now, this work has been done one home and one device at a time, across Vermont. This Pilot will demonstrate how we can make the transition to fully electric homes while having a positive impact on the grid. The Resilient Neighborhood will be leveraged as a grid resource supporting the surrounding system depending on the need of the day. The South Burlington location is ideal for proving out and learning from coordinated electrification because it is in an area where load is growing through expansion of business, such as Beta Technologies. Deploying a neighborhood-level grid resource there will help us learn not only how to create value day to day through load shaping, but also how such coordination can help reduce the need for other traditional grid upgrades. Both of these use cases can cut costs for all GMP customers throughout our territory. The critical transformation demonstrated by this neighborhood will prove that not only can the grid operate successfully for customers in these homes, but it can also provide a positive benefit for all customers and the greater grid we all share.
New Initiatives - Rate Year (Oct. 1, 2026 - Sept. 30, 2027) Total=$11,828,040			
194297: FY26 EVSE Infrastructure	Project Type: New Initiatives In-Service Month: 10 In-Service Year: 2026 Fiscal Year: FY2027 Primary Purpose: Innovation Secondary Purpose: State Energy Policy Total Project Spending: $132,232	This project involves the purchase of one higher powered Level 3 (100 kW and above) fast charger, to be kept as a spare.	This project is necessary such that in the event a Level 3 charger failed within GMP's fleet, there would be a unit on premises to replace it with. There are long lead times for procuring and installing 100 kW+ chargers, which are essential to the continued operation of our fleet, which now includes several electic heavy utility trucks. This project supports the increasing numbers of EVs in our fleet, which are part of our fleet plan to lower long-term operational costs within the fleet.

Project Number and Title	Additional Information	Project Description	Project Justification
194299: FY26 OBB	Project Type: New Initiatives In-Service Month: 10 In-Service Year: 2026 Fiscal Year: FY2027 Primary Purpose: Innovation Secondary Purpose: Reliability Total Project Spending: $1,262,276	The Resilient Neighborhood Pilot was launched in 2023 to deliver a comprehensive approach to electrification by launching the first all-electric neighborhood in Vermont. The innovative combination of generation and energy storage ensures that the neighborhood is resilient to storms and other disruptions and is also available as a grid asset helping all GMP customers by lowering costs. To achieve this, GMP partnered with O'Brien Brothers, a longstanding, multi-generation Vermont-based developer of popular neighborhoods—including both market rate and affordable homes—in Chittenden County. GMP built on our experience through previous tariffs and pilots and leveraged existing partners to equip each home with a Resiliency Package of solar plus storage for clean generation to provide backup power.	This project is a continuation of the Resiliency Package equipment for a combination of 30 triplex and single-family homes under construction during the pilot. As climate change increases costs due to the frequency and severity of damaging storms in Vermont, it is necessary to speed up the transition from fossil fuel to clean electricity and deliver solutions that strengthen the grid while driving down costs for all customers. Through this Pilot, we show how electrification of a neighborhood can help all GMP customers through its beneficial effects on the grid while also creating a resilient neighborhood that keeps residents connected through severe weather and other disruptions. Until now, this work has been done one home and one device at a time, across Vermont. This Pilot will demonstrate how we can make the transition to fully electric homes while having a positive impact on the grid. The Resilient Neighborhood will be leveraged as a grid resource supporting the surrounding system depending on the need of the day. The South Burlington location is ideal for proving out and learning from coordinated electrification because it is in an area where load is growing through expansion of business, such as Beta Technologies. Deploying a neighborhood-level grid resource there will help us learn not only how to create value day to day through load shaping, but also how such coordination can help reduce the need for other traditional grid upgrades. Both of these use cases can cut costs for all GMP customers throughout our territory. The critical transformation demonstrated by this neighborhood will prove that not only can the grid operate successfully for customers in these homes, but it can also provide a positive benefit for all customers and the greater grid we all share.
194304: FY26 ESAP	Project Type: New Initiatives In-Service Month: 10 In-Service Year: 2026 Fiscal Year: FY2027 Primary Purpose: Innovation Secondary Purpose: Reliability Total Project Spending: $1,868,416	The FY26 Energy Storage Access Program (ESAP) project is to support the ESAP rider to the ESS tariff that went into effect in June 2024. The ESAP rider enables GMP to provide approximately 100-137 income eligible customers with home energy storage under the ESS tariff, with ESAP grant funds covering the cost of the customer lease payment. ESAP funds are also used to support upgrades needed to enable the installation of an energy storage system at a customer's home. GMP will own, maintain, and dispatch the energy storage systems for the 10-year lease term. This year of the program will support approximately 80 installed systems.	This project is necessary at this time because in May 2024 GMP received a $1M ARPA funded grant from the Department of Public Service to design, implement, and administer the GMP ESAP Program in order to serve low and moderate LMI customers with energy storage at their homes. GMP is prioritizing households at or below 120% of Area Median Income (AMI), customers with a critical care designation, and have a high frequency of outages. These customers are often vulnerable during outages and may not be able to participate in the ESS tariff but for ESAP grant funding. ESAP energy storage systems will be installed by the eight local ESS lease installers. ESAP customers will receive the same system as ESS customers, consisting of two Tesla Powerwalls or equivalent batteries from other manufacturers, with a total approximate capacity of 27kWh.
194425: Integrated Energy Storage Pilot	Project Type: New Initiatives In-Service Month: Quarterly In-Service Year: 2027 Fiscal Year: FY2027 Primary Purpose: Innovation Secondary Purpose: Reliability Total Project Spending: $7,220,054	The Integrated Energy Storage Pilot will deploy a limited amount of energy storage systems in Zone 4 areas of the EJ G7 circuit where on-going T&D hardening in Zones 1-3 is taking place, with a goal to support approximately 300 customers and evaluate the comprehensive resilience benefits and storm response cost reductions. The EJ-G7 circuit was a focus of the ZOI proceeding and one of GMP's worst performing circuits and the Commission's ZOI order authorized and expected comprehensive resilience work across this circuit. This pilot will provide additional resilience for customers in Zone 4 areas that are still susceptible to damage and longer-duration outages during storms. Through the Pilot, eligible customers will receive a GMP-owned home energy storage system (approximately 30 kWh of storage capacity, typically two Tesla Powerwall batteries or equivalent, with backup switching equipment) at no upfront or ongoing cost. The systems will be operated as grid assets to: Provide backup power during outages for participating customers; Reduce monthly and annual peak loads, lowering power supply and ISO-NE capacity costs; Participate in ISO-NE's Regulation Market and other wholesale value streams where operationally compatible with resiliency and peak-shaving priorities.	GMP has been testing and realizing the many well-understood benefits of home energy storage systems solutions through previous pilots and the ongoing ESS and BYOD programs. Just as with our other energy storage programs, the systems in the Integrated Energy Storage pilot are expected to be net-positive investments on their own, but additional real world analysis for how they perform as part of holistic and integrated storm response, and how to best use data from their performance to calculate restoration cost savings, is needed. Energy storage systems deployed as a grid asset through this pilot will be an important method to equitably address areas of our system that have lower service levels and are more costly to address with T&D solutions, like undergrounding. Historically, many customers on the EJ-G7 circuit have endured lower levels of reliability in challenging to restore areas of our system despite paying the same as those with higher levels of reliability. We have the tools to provide these customers with an identical level of service and resiliency in a way that also benefits all other customers. The pilot will allow us to refine and advance integrating comprehensive resiliency solutions while ensuring it is done in the most cost-beneficial manner for all customers and to develop future offerings.
203272: FY27 OBB	Project Type: New Initiatives In-Service Month: 9 In-Service Year: 2027 Fiscal Year: FY2027 Primary Purpose: Innovation Secondary Purpose: Reliability Total Project Spending: $1,345,063	The Resilient Neighborhood Pilot was first launched in 2023 to deliver a comprehensive approach to electrification by launching the first all-electric neighborhood in Vermont. This project supports the Resilient Neighborhood 2.0. project, with an innovative combination of generation and energy storage to ensure that the neighborhood is resilient to storms and other disruptions and is also available as a grid asset helping all GMP customers by lowering costs. To achieve this, GMP partnered with O'Brien Brothers, a longstanding, multi-generation Vermont-based developer of popular neighborhoods—including both market rate and affordable homes—in Chittenden County. GMP built on our experience through previous tariffs and pilots and leveraged existing partners to equip each home with a Resiliency Package of solar plus storage for clean generation to provide backup power. Through this Pilot, we show how electrification of a neighborhood can help all GMP customers through its beneficial effects on the grid while also creating a resilient neighborhood that keeps residents connected through severe weather and other disruptions. Until now, this work has been done one home and one device at a time, across Vermont.	As climate change increases costs due to the frequency and severity of damaging storms in Vermont, it is necessary to speed up the transition from fossil fuel to clean electricity and deliver solutions that strengthen the grid while driving down costs for all customers. This 2.0 pilot phase will achieve a scalable, whole-home Resiliency Package model that can be deployed with developers and homeowners beyond this neighborhood, while continuing to provide measurable benefits to non-participating customers. Phase 2 will extend the Resilient Neighborhood Pilot to at least 40 additional homes in the next phase of construction at the Hillside East Neighborhood. This Pilot will also show we can meet the needs of a fully electric home while still using 200-amp electric service equipment. This is a key element in making the Resilient Neighborhood model scalable to both new and existing homes without requiring more costly service upgrades. This Pilot will demonstrate how we can make the transition to fully electric homes while having a positive impact on the grid. The Resilient Neighborhood will be leveraged as a grid resource supporting the surrounding system depending on the need of the day. The South Burlington location is ideal for proving out and learning from coordinated electrification because it is in an area where load is growing through expansion of business, such as Beta Technologies. Deploying a neighborhood-level grid resource there will help us learn not only how to create value day to day through load shaping, but also how such coordination can help reduce the need for other traditional grid upgrades. Both of these use cases can cut costs for all GMP customers throughout our territory. The critical transformation demonstrated by this neighborhood will prove that not only can the grid operate successfully for customers in these homes, but it can also provide a positive benefit for all customers and the greater grid we all share.