



Governor's Office of Storm Recovery

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The Governor's Office of Storm Recovery Microgrid Program

The Governor's Office of Storm Recovery Microgrid program has selected three subrecipients to execute three distinct microgrid projects. The Village Freeport, The Village of Greenport and the non-profit organization Proctors in Schenectady were chosen after careful review and vetting by GOSR staff involved in the Microgrid program.

The program aims to build multiple microgrids with differing characteristics. Each project has distinct infrastructure and local challenges. It is a goal of the program to prove multiple concepts and provide reference for future projects throughout New York and the entire country.

The Village of Freeport

The Village of Freeport will construct a downtown Microgrid. The Microgrid will provide power to critical infrastructure during a power disruption event. The Microgrid will produce power from natural gas powered or dual fuel generators.

The microgrid will be built directly outside the floodplain and the critical infrastructure will be in close proximity to vulnerable populations. The Microgrid will sell power back to the grid during regular power times, and will switch to island mode during power disruption events.

The project is currently in design and has an estimated completion date of June 2021.

The Village of Greenport

The Village of Greenport will upgrade existing distribution assets and add renewable generation to their municipally owned grid. The grid hardening includes overhead wire upgrades, pole replacement/repair and new switchgear/controllers. The renewable generation component will most likely consist of a solar array and battery storage. Solar power plus storage will provide peak energy shaving during high energy usage times. Battery storage can also provide up to 8 hours of backup power to critical facilities during a power disruption event.

The Project is currently in design and has an estimated completion date of March 2021.

Proctors a 501c3 in Schenectady

The Proctors Microgrid project will connect existing generation and distribution assets and add switchgear/controllers to their existing spot network to form a downtown microgrid. The microgrid will power two disaster recovery shelters and provide backup power to over a dozen businesses. Proctors and GOSR are currently working on an interconnection agreement with the local utility.

The project is currently in design with an estimated completion date of November 2021.

