



CUSTOMER CASE STUDY

Pioneering Fail-Safe Distributed Energy Storage Systems

Green Light for Viridi's Backup Traffic Power System

faveo provides continuous power to town of Lancaster's traffic system

The Town of Lancaster in New York partnered with Viridi to be the **FIRST municipality in North America to convert its traffic signals over to battery back-up and IoT management**. The program ensures that 8 of Lancaster's busiest intersections maintain a resilient, uninterrupted supply of power.

PROBLEM

Power outages are dangerous for many reasons, one is when traffic signals are affected by power outages of any duration. These outages are dangerous to drivers and passengers in vehicles but significantly also for first responders directing traffic.

SOLUTION

The **faveo** system is a roadway intersection backup power system that uses Viridi battery technology and IoT functionality. During an interruption, the system instantaneously powers up, allowing traffic lights, police cameras, and other critical intersection technology to continue operating. This system ensures that emergency personnel can provide essential public safety services without having to manually direct traffic.

RESULT

The faveo backup power system provides resilient power and state of the art remote monitoring technology to improve community efficiency and safety.



8 **faveo** ITS Cabinet backup systems were installed then securely activated by the town highway superintendent at intersections around town.

INDUSTRY

Intelligent Traffic Management

IMPLEMENTATION

- 8 **faveo** systems installed at the town's busiest intersections
- Instantaneous backup in .02 seconds
- Broad application as backup power source
- Remote monitoring and full telematics to support data sharing and alerts

LOCATION

Town of Lancaster
Buffalo, N.Y.

**Discover the full story—
contact us now.**

1001 East Delavan Ave. | Buffalo, NY 14215 | (716) 968-8658
sales@viridiparente.com | www.viridiparente.com

Specifications subject to change without notice. | © 2025, Viridi Parente, Inc. All rights reserved. Manufactured in Buffalo, NY. Viridi is a trademark of Viridi Parente, Inc., registered in the U.S. and other countries and regions. Information as of January 2025.

