

Edward A. Rath Building, Buffalo, NY

Erie County Public Works



- **Generating Capacity:** 2 MW
- **Fuel Type:** Natural Gas, On-site Solar PV
- **Unit:** e2Companies R3Di® System
- **Benefit:** Increased Reliability and Sustainability

ABOUT

e2Companies and 34 Group are leading a **Microgrid and Resiliency Solutions Project** for the Erie County Department of Public Works, which aims to increase power reliability and deliver sustainability goals for over 50 of their facilities across Western New York.

SOLUTION

This initiative begins with the need for a more reliable, cost-effective solution for power generation at the **Edward A. Rath County Office Building**, a 16-story building that houses many of the county's public offices. e2Companies will install its patented **R3Di® System** to provide uninterrupted, conditioned power for the building. In addition, the R3Di® System will incorporate a new rooftop solar array, making it a self-sustaining microgrid, further enabling flexibility for the public utility during times of power outages and emergency grid conditions.



“

Collaborating with e2Companies and 34 Group brings together the expertise and resources needed to propel our energy projects to success, leveraging each partner's strengths for **a more sustainable future.**”

- **William Geary**, Erie County Public Works Commissioner