The New York City Economic Development Corporation Uses Buildee and WatchWire by Tango to Accelerate Decarbonization

NYC/EDC

watchwire BY TANGO | buildee® | Case Study

Problem

The New York Economic Development Corporation (EDC) faced significant challenges in managing energy use, costs, and carbon emissions across its extensive and diverse portfolio of 400 buildings. Compliance with benchmarking standards, mandated audits, and stringent energy regulations, such as Local Law 97, added further complexity.

Solution

To address these challenges, EDC implemented buildee® to standardize the process of tracking assets within their portfolio and to enhance capital planning. EDC then partnered with an engineering firm to use buildee® for cataloging building equipment data and identifying energy-saving measures. buildee® integrated seamlessly with Watchwire to consolidate utility data, as well as an integration with PowerBI that enabled EDC leadership to view capital planning holistically, incorporating both energy and non-energy-related investments. All data was stored in buildee® for ongoing use and analysis.

Result

This comprehensive solution enabled EDC to standardize data collection and recommendations, generating actionable insights across their portfolio. Energy conservation recommendations now include detailed metrics on carbon and energy reductions, as well as key financial indicators such as ROI, Payback Period, Savings to Investment Ratio, and Net Present Value. This approach supports more holistic capital planning, optimizing their capital retrofit budget.

> " *With such a unique and diverse portfolio, and a distributed team of contractors supporting our data capture and decarbonization, we look to buildee and watchwire to be crucial components of our data infrastructure, centralizing and enriching our data, and streamlining our sustainability efforts.* "
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> *-Matt Landin, AVP, Energy Portfolio NYC EDC*

Key Benefits

Rapidly Identify & Prioritize Energy and Carbon Reduction Projects

Enhance Capital Planning & Master Energy Planning

Enable Simplified Collaboration Across Teams & Vendors

Streamline Building Data Capture

Reduce the Cost of Compliance with Building Performance Standards

The New York City Economic Development Corporation's **Roadmap to Decarbonization**

To accomplish EDC's goals, they implemented a dual-pronged approach integrating cutting-edge software and a third-party energy services provider. Leveraging advanced software, EDC will be centralizing its energy data swiftly, enabling it to pinpoint high-impact energy efficiency opportunities. With the help of buildee and WatchWire by Tango, EDC will use a Baseline, Operationalize, Prioritize, Decarbonize, and Report approach to accomplish their goals and yield results.

The Roadmap

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Step	watchwire	buildee
STEP 01 Baseline	Automated the aggregation of historical utility invoice data to generate a baseline	Allowed users to benchmark baseline data against other buildings in their portfolio, or other buildings of similar use and size
STEP 02 Operationalize	Embedded in processes across procurement, accounting, engineering, and sustainability teams	Simplify audit process by quickly capturing & standardizing building & energy information, enabling efficient analysis & informed decision-making at the outset
STEP 03 Prioritize	Generated actionable insights and alerts to rank opportunities, improve data coverage, reduce consumption, emissions, and costs	Allow EDC & partners to analyze & compare measures against specific targets or compliance mandates to easily prioritize the right projects at the right time
STEP 04 Decarbonize	Track and verify emissions reduction / decarbonization as it aligns with sustainability targets and compliance reporting	Expedited compliance with local laws and streamlined long-term decarbonization strategy
STEP 05 Report	Report back on impacts to ESG & Sustainability Goals as it relates to capital investment projects to provide key insights	With all data aggregated and organized, easily report to Local Law 97 and stay in compliance of other building performance standards