

GWl 2024 COLLABORATION SERIES

GREEN WILL INITIATIVE

Session 2: Energy and Water Reporting for Buildings: Current Examples and Discussions

INTRODUCTION

This session focused on the importance of energy and water reporting for buildings. The goal was to enable GWI members to learn from each other, discuss best practices, challenges, and more to help improve their data management and reporting practices.

GWl MEMBER ORGANIZATIONS IN ATTENDANCE

- Starlight Investments
- Minto Group
- Oxford Properties
- Epic Investment Services
- WoodGreen
- Toronto District School Board
- George Brown College
- Toronto Community Housing
- YMCA of Greater Toronto
- InterRent REIT
- Toronto Zoo
- Menkes Developments
- Crown Realty Partners
- Trioinvest
- Woodbourne Capital Management
- University of Toronto
- University Health Network
- Dream

GREEN WILL INITIATIVE (GWl) UPDATES

- **GWl x CIET Training:**
 - Energy Efficiency for Building Operators and Maintenance Staff (EBO) - Scheduled for July 9th.
 - Strategic Energy Management 101 - Scheduled for September 12th.
- **GWl Newsletter Submissions:**
 - Participants were encouraged to submit their stories and achievements via web form for the Q2 Newsletter.
- **GWl Website Update:**
 - The audience was informed to stay tuned for the re-launch of the GWl website and opportunities for recognition.
- **SCM Program 2023 Cohort:**
 - Participant re-assessments and program evaluation are to be scheduled shortly.
- **Energy Star Portfolio Manager Data Sharing:**
 - Participants were reminded to share read-only data with the GWl's ESPM account (Username: ExistingBuildingsToronto).

KEY DISCUSSIONS



DC'S BUILDING PERFORMANCE BENCHMARKING

Aykut Yilmaz discussed the technical aspects of energy and water reporting, focusing on:

- The importance of accurate data collection and management.
- Advanced tools and technologies that can aid in efficient reporting.
- Case studies demonstrating successful implementations of these tools.
- Recommendations for improving data accuracy and streamlining the reporting process.

Key Takeaways:

- Accurate data collection and the use of advanced tools are vital for efficient energy reporting and management.
- Case studies illustrate the benefits of streamlined reporting processes and improved data accuracy for better energy performance benchmarking.



ENERGY AND WATER REPORTING FOR BUILDINGS

Rebecca Mallinson highlighted the significance of energy and water data for the City of Toronto's policymaking.

- For building owners, tracking energy use establishes performance baselines and identifies opportunities for energy and cost savings.
- Reporting energy use enables better planning towards net zero emissions.
- The City offers [support for reporting through instructional videos and resources on the EWRB website](#).
- Various programs assist building owners in reducing greenhouse gas emissions, with details available on the [Better Buildings Partnership website](#).

Key Takeaway:

- Tracking and reporting energy use is essential for building owners to plan for and achieve reductions in greenhouse gas emissions.

GWJ MENTORSHIP

Discussed the value of mentorship opportunity by connecting reporting teams:

- An organization-to-organization mentorship was suggested to help teams learn from each other.
- Participants were polled to gauge interest, either as mentors or mentees.
- Feedback will be incorporated into future GWJ programming.

BREAKOUT GROUP DISCUSSIONS

Participants were split into five groups to discuss opportunities, challenges and ideas related to energy and water reporting:

Participants discussed the challenges with sub-metering in multi-family buildings, noting that the process is often cumbersome and incomplete due to visibility issues. The group highlighted the reliance on aggregated data from utilities, which should ideally be more accessible. They also emphasized the importance of early resource dedication to meet compliance.

Some participants made mention of resource constraints for managing large portfolios, particularly those with 200 to 500 buildings. They discussed the challenges of transitioning from campus-level reporting to building-level reporting.

Key Takeaways:

- Sub-metering in multi-family buildings is challenging due to visibility issues.
- Early resource dedication is crucial for meeting compliance deadlines.
- Managing large portfolios poses significant resource constraints.