



METRO
NASHVILLE
PUBLIC
SCHOOLS



ENERGY CONSERVATION PROGRAM

- ✔ Launched program in July 2019
- ✔ Created MNPS' Energy Dashboard with mySiteIQ facility intelligence platform
- ✔ Performed continuous facility audits
- ✔ Identified grants & rebates
- ✔ Added leak detection
- ✔ Standardization of temperatures & schedules
- ✔ Improved stakeholder communication & reporting
- ✔ Created staff, student & community engagement program
- ✔ Supported sustainability projects

ENERGY IMPACT



**ENERGY USAGE
REDUCTION**

Exceeded goal by 9%



**342MM
Tons CO₂
eq. avoided**

**EQUIVALENT TO 44M
HOMES ENERGY
USAGE IN ONE YEAR**

PROGRAM SAVINGS & FUNDING SECURED

UTILITY SAVINGS

\$23.3M

Net Program Savings
To Date

\$8.1M

Savings From
Utility Budget

183Mwh

Solar Produced

GRANTS

\$535k

Tennessee Valley
Authority (TVA)
School Uplift Program

3 Years Completed
10 Sites Awarded

CREDITS

\$202K+

Demand Response Program

75 Sites Enrolled

\$220K+

Leak Resolution Crediting

Detected and Resolved Water
Leaks at 20+ Sites Resulting in
Utility Credits

ENERGY CONSERVATION PROGRAM

ADDITIONAL SUPPORT PROVIDED TO MNPS

EDUCATION

- Provide Customized Lessons Fit to Curriculum
- Staff Training for Thermostat Operations
- Custodial Signage to Improve Energy Awareness

FINANCE DEPARTMENT

- Cost and Savings Estimates and Analysis
- Budget Recommendations Based on Current Market
- Utility Rate Hike Updates

OPERATIONS & MAINTENANCE

- Determine Low/No Cost Solutions to Improve Energy Efficiency in High Energy Usage Intensity (EUI) Sites
- After Hours Events Building Scheduling
- Reporting Water Leaks



MNPS FACILITIES DEPARTMENT

David R. Proffitt, Executive Director of Facilities, Maintenance & Construction

Louis Burnett, Director of Facilities, Grounds & Maintenance

Casey Megow, Director of Facility Planning & Construction

April 18, 2023
SitelogIQ

To whom it may concern,

SitelogIQ is a valuable, critical industry partner for Metro Nashville Public Schools. We have worked with SitelogIQ since the beginning of our energy conservation program in 2019. With their guidance and support we have successfully reduced our utility expenses by over \$10 Million dollars and lowered our energy intensity utilization by more than 20%. They have exceeded their guaranteed savings earlier than expected and continue to improve our bottom line. They have brought various staff and student engagement activities to the district, making sustainable energy savings programs fun for staff and students alike to participate in the MNPS energy program.

SitelogIQ has been a big part of our ED Specs and how we equip and construct our facilities. They have provided valuable insight into our construction and capital planning efforts. SitelogIQ also works with our Energy Management Department to provide accurate utility budget forecasting. Offering advise through an energy lens, SitelogIQ has appropriately prioritized our projects and planning around utility market adjustments. Their work and their personnel are outstanding. We would hire them again is our best recommendation. We would support and recommend their services to any institution or business.

Sincerely,

David R Proffitt, AIA
Architect
Executive Director Facilities, Maintenance and Construction
Metropolitan Nashville Public Schools

MEET THE TEAM



Michele Laskero
Energy Manager
12 Years Industry Experience



Peter Coombe
Energy Engineer
3 Years Industry Experience



Keelie Carter
Energy Engineer
3 Years Industry Experience



Click or scan the QR code
to talk to an Energy Expert.
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