# ONE-STOP EFFICIENCY SHOP® Minneapolis Public Schools

#### **Project Background**

Justin Greif, General Foreman of the Minneapolis Public Schools (MPS) Electric Shop, had been working with a contractor on several lighting projects across the district. The contractor had worked with CEE's One-Stop Efficiency Shop on lighting consulting and rebates in the past and knew MPS could benefit from their expertise. Justin reached out to a CEE lighting consultant, and the two immediately began discussing the broader picture across the district portfolio.

#### **Facility Assessment**

The district has been faced with high energy costs, hard to maintain and obsolete parts, low quality light, and poor aesthetics. In addition, MPS has over 8.5 million square feet of interior space to maintain, and approximately 2/3 of spaces still rely on fluorescent or incandescent lighting. On previous lighting projects, the district had relied on contractors to fill out rebate paperwork, which left many potential rebates and grants on the table.

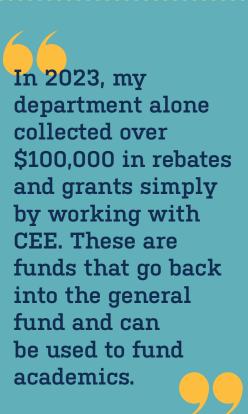
The lighting consultant developed detailed reports of the portfolio, determined project scopes, and managed bidding across multiple buildings and projects. He also handled all invoicing and rebate processes, saving time for district employees and ensuring rebates were maximized for each project.

#### Improvements

In 2023, MPS completed 21 interior and exterior lighting retrofit projects with the One-Stop program resulting in \$159,600 in annual energy savings and over \$350,000 in rebates and Minneapolis Green Cost Share funding. These savings can go back to the district's general fund, which helps shore up funding for academics or other building projects. Upgrading from fluorescent to LED lighting has improved student and employee comfort, potentially leading to better student outcomes.

Justin and his One-Stop lighting consultant are still working together to improve lighting quality through MPS buildings. They have 26 more projects planned for 2024 and have collaborated to rewrite the master specifications to include preferred products that maximize rebates.





Justin Greif MPS Electric Shop— General Foreman

Visit **mncee.org/onestop** to learn more about the One-Stop Efficiency Shop



Working with CEE is like having an extra staff member on our team working hard for MPS's interests. The high-quality reports, bid documents. and work to collect invoices and process rebates would be extremely difficult to replicate in house.

Justin Greif MPS Electric Shop – General Foreman

## Problems

- Obsolete parts and difficult maintenance
- High energy costs

## Results

- Reduced maintenance needs and costs
- Significant rebates and grants, saving money for general fund

## 2023 Rebates and Savings

\$159K in annual savings



Low-quality light

Poor aesthetics

Improved lighting quality

and employee and student comfort

\$309K in rebates

\$48.3K in Minneapolis Green Cost Share funding

## **Current Active Projects**

\$151K potential annual savings





Center for Energy and Environment's (CEE) One-Stop Efficiency Shop<sup>®</sup>, sponsored by Xcel Energy, offers free lighting consulting and rebates to help businesses save energy and reduce operating costs through lighting upgrades.

Visit mncee.org/onestop to learn more.