


DUPAGECOUNTY

Environmental Committee Informational Presentation

Power Plant Lights
September 2, 2025


1


Power Plant Overview




Power Plant

- The campus “Power Plant” contains large chillers and boilers that supply hot and cold water to condition and heat campus building air
- 24/7 facility with energy intensive fluorescent fixtures that provided inadequate lighting for technicians



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2

Before and After





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Before and After





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5

Before and After





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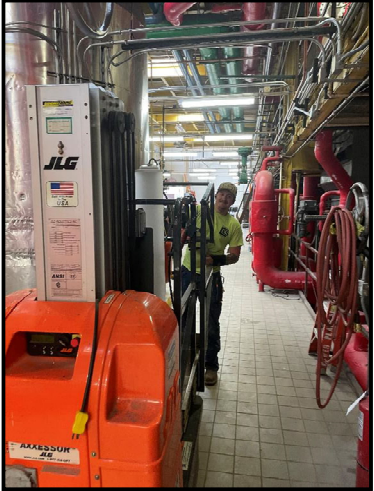

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6


Savings

Power Plant

- Project Cost = **\$37,517.60**
- ComEd Energy Efficiency Rebate = **\$17,551.50**
- Energy demand decreased by **55%**
- Energy consumption decreased by over **75%**
- Approximately **\$16,000** in energy savings a year
- Over **62 metric tons** of carbon dioxide emissions saved a year
- Return on investment = **1.25 years**
- Installed by County electrical team making the project a win-win-win “win” for the environment, “win” for budget, and “win” for workers with better lighting & working conditions. Thank you, County electricians!



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