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Industrial SPP / Partner Teaming Profile

Service/Product Provider

SDI eBusiness, Inc. d/b/a RelightDepot

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Business: Energy Efficient Lighting

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Industrial Partner

Navistar International

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Business: Truck and Engine Manufacturer

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Navistar International Lighting Retrofit Project Saves Over \$1.1M/year With Instant Payback through First Energy Rebate Program

Project Scope

RelightDepot was contracted to retrofit all of the lighting at Navistar International's Springfield Assembly Plant. RelightDepot provided all materials, contracted all third party installers, managed the rebate process and financed the project until the rebate was released. This allowed Navistar to take advantage of new lighting without spending any capital on this project.

Project Summary

Working with two electrical contractors and a team of more than 35 retrofit technicians, RelightDepot removed more than 9,000 light fixtures in three facilities totaling more than 2.3M sq. ft. and installed over 5,000 energy efficient high bay fixtures and occupancy sensors throughout the space. The work was performed on 2nd and 3rd shift as to not disturb production during the fourth quarter of 2011.

- **Year Project Completed**
2011
- **Energy Savings**
10,289,139 kWh or 1.4 MW in connected load.
- **Investment**
Navistar assigned the First Energy rebate to RelightDepot and did not have to invest any capital budget for this project.
- **Financial Return**
Instant payback through First Energy rebate program
- **Other Benefits**
3-4x improvement in light levels, greater productivity in manufacturing line and troubleshooting areas, improved color rendition in all aspects of the plant.

Monitoring & Verifying Energy Savings

Meter profile data from all facilities were gathered before the project commenced. Monthly data has been compared with historical after installation to verify savings.

Distinguishing Value

RelightDepot provided detailed design documents taking into account all functions done throughout the plant to improve lighting effectiveness and maximize savings.