



STATE OF MICHIGAN

Capitol Complex completes multiple energy-effective lighting projects with MTI Lighting Specialists.



State of Michigan Capitol Complex Locations: **CASE STUDY**

Over A Ten Year Period, The State Of Michigan Capitol Complex Will Save Over \$4,000,000... Just For Using Energy-Efficient Lighting Products With A Professionally Engineered Lighting Design. THAT'S NOT BAD SAVINGS, FOR AN ELECTRIC BILL!

Building Sites: □ □	(sq.ft.) □ □	(#/fixtures)
Cass Bldg. □ □	256,246 □ □	3,955
Central Chiller Bldg. □	17,092	116
Hannah Bldg. □ □	233,301 □ □	3,993
Williams (Law) Bldg. □	165,476 □ □	4,143
Mason Bldg. □ □	246,533 □ □	4,909
Ottawa Bldg. □ □	230,301 □ □	4,159
Transportation Bldg. □	275,894 □ □	7,440
Treasury Bldg. □ □	206,660 □ □	5,904
TOTALS: □ □	1,631,792	34,619

Cass Building

□ Monthly Energy Cost Savings □	\$4,969.79
□ Total Annual Cost Savings □ □	\$59,637.50
□ Return on Investment	18.52 months
□ Projected 10 Year Savings □	\$596,375.00

Central Chiller Building

□ Monthly Energy Cost Savings □	\$35.47
□ Total Annual Cost Savings □	\$425.68
□ Return on Investment	36.89 months
□ Projected 10 Year Savings	\$4,256.81

Hannah Building

□ Monthly Energy Cost Savings □	\$4,561.94
□ Total Annual Cost Savings □	\$54,743.20
□ Return on Investment	23.90 months
□ Projected 10 Year Savings □	\$547,432.00

Williams (Law) Building

□ Monthly Energy Cost Savings □	\$3,795.30
□ Total Annual Cost Savings □	\$45,543.50
□ Return on Investment □	30.82 months
□ Projected 10 Year Savings □	\$455,435.00

Mason Building

□ Monthly Energy Cost Savings □	\$5,755.91
□ Total Annual Cost Savings □	\$69,070.90
□ Return on Investment □	19.13 months
□ Projected 10 Year Savings □	\$690,709.00

Ottawa Building

□ Monthly Energy Cost Savings □	\$3,332.93
□ Total Annual Cost Savings □	\$39,995.20
□ Return on Investment □	32.29 months
□ Projected 10 Year Savings □	\$399,952.00

Transportation Building

□ Monthly Energy Cost Savings □	\$6,497.54
□ Total Annual Cost Savings □	\$77,970.50
□ Return on Investment □	27.16 months
□ Projected 10 Year Savings □	\$779,705.00

Treasury Building

□ Monthly Energy Cost Savings □	\$5,566.50
□ Total Annual Cost Savings □	\$66,789.00
□ Return on Investment □	23.86 months
□ Projected 10 Year Savings □	\$667,980.00

Total Estimated Savings Annually \$414,184.48



In 1998, MTI implemented and completed the lighting project for the State of Michigan Capitol Complex. Since then, MTI has completed multiple state facilities for the reason of their quality of work and attention to detail during their engineered lighting survey.

MTI accomplished every aspect of a lighting design by greatly reducing the State of Michigan's utility cost and by offering a lighting design without sacrificing performance.

EFFICIENCY MEASURES...

- 1) Retrofit luminaires with Electronic ballasts and T-8 lamps.**
- 2) Retrofit luminaires with Electronic ballasts, T-8 lamps and specular reflectors.**
- 3) Replacement of incandescent lamps with compact fluorescents or halogen lamps.**
- 4) New L.E.D. Exit luminaires were installed or retrofit kits.**
- 5) Relamping of selected existing fixtures.**
- 6) Delamping of selected fixtures and installing reflector systems.**