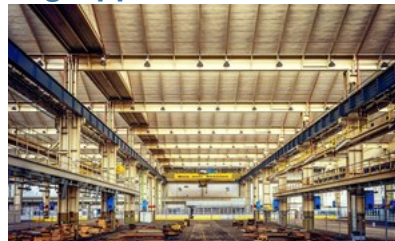


- [Back to the Basics: Lighting Opportunities](#)
- [Upcoming events](#)

## Back to the Basics: Lighting Opportunities

In February, we mentioned three different ways to address lower hanging fruit in facilities. Over the next three months, we will take a deeper dive into each one of those opportunities.



Lighting, in general, is considered a low hanging fruit. If your facility has yet to switch to LEDs that is a good first step in making your facility more energy efficient. However, LEDs tend to emit more light than other bulbs. Knowing this, a one-to-one replacement of fixtures isn't always necessary. Conducting a lighting study of your facility and following the optimal light levels for certain tasks could make the facility even more efficient. Here are a few resources and tips to keep in mind when considering lighting opportunities:

- Use a light meter to gauge how much light is reaching various parts of the facility. Make note of these levels and make sure they are at least meeting the OSHA standard.
- Use the guidelines set by the [Illuminating Engineering Society](#) (IES) for optimal light levels. IES puts out their set of guidelines that is based on the optimal light level needed for specific tasks.
- Look into opportunities for daylight harvesting. Placing these sensors where there is a high amount of daylight can help to reduce energy consumption and keep light at optimal levels.
- Utilize occupancy sensors. Placing occupancy sensors in conference rooms and in areas that are less heavily used can help reduce energy use and ensure lights are turned off when no one is occupying that area of the building.

If you would like more assistance with lighting opportunities, contact P2 Services at [P2Services@dnr.iowa.gov](mailto:P2Services@dnr.iowa.gov).

## Upcoming events

**April 25** [Energy Saving Opportunities Emphasizing Compressed Air and Refrigerated Spaces in Industrial Facilities](#) webinar

**April 27** [Hazard Communications: Chemical Hazards](#) virtual

**April 28** [What Does Electrification at Scale Look Like?](#) webinar

**April 28-29** [ISOSWO Annual Conference](#) Storm Lake

**May 4** [Iowa Food Manufacturing Industry Overview and Challenges Seminar](#) Ames

**May 17-19** [Better Buildings, Better Plants Summit](#) Washington, D.C.

**June 8-9** [2022 IAWEA Annual Conference](#) Davenport

**June 23** [Your I4.0 Journey: How to Find and Make Manufacturing Data Work for You](#) Cedar Rapids

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