Highlights from projects completed by CEE’s engineering department during 2017

**North Shop**
Washington County
CEE engineers completed the new construction commissioning of the North Shop. This was a completely new construction project for the County and included office spaces, vehicle maintenance, and a sign shop.

**IDS Center**
Minneapolis
Engineers followed up the investigation phase work at the IDS with support for implementation. Of the 26 measures, 10 were implemented in 2017. Work focused on the installation of new chilled water valves for all the major air handling systems.

**Bloomington Ice Gardens**
City of Bloomington
Commissioning of a new controls system was completed at the Bloomington Ice Gardens.

**Thrivent Financial**
Minneapolis
Engineers supplied the work required for ENERGY STAR certifications of three buildings for Thrivent, including two in Appleton, Wisconsin, and their corporate site in downtown Minneapolis.

**Lincoln Place**
Dakota County
CEE provided recommendations to Dakota Electric for a multifamily building. The work resulted in six recommendations to improve the energy efficiency of the site and make it more manageable for the staff.

**National Sports Center**
Blaine
CEE provided recommissioning services for half of the Schwan Super Rink. Engineers analyzed four rinks and recommended capital improvements for substantial savings. With a payback of just under three years, the site is moving forward with implementation and will retain CEE engineers for more work on the campus in the future.

**Center for Energy and Environment**
St. Paul
Engineers documented CEE’s St. Paul office for ENERGY STAR certification. The office scored 99 out of a possible 100 points with ENERGY STAR.
These projects are already under way, with new projects constantly being added.

**COURTYARD MARRIOTT**
Minneapolis
CEE’s initial work with Heartland Realty Investors started with a recommissioning project at the Ivy Hotel, continued with expansion of their current building automation system, and has extended to new construction at the Courtyard Marriott.

**CITY OF MAPLEWOOD**
Work with the City of Maplewood initially started with an engineering evaluation of locker room ventilation at the community center, which lead to current commissioning work.

**HENNEPIN THEATRE TRUST**
Minneapolis
CEE provides ongoing technical support for energy improvements in historic theaters managed by the trust.

**BRAEMAR ARENA**
Edina
Recommissioning of the Braemar Arena’s ice rink started in the fall of 2017, to be completed in 2018.

**BLOOMINGTON SCHOOL DISTRICT**
CEE is leading a recommissioning project at a middle school in the district, to be completed in 2018.

**LAW ENFORCEMENT CENTER**
Washington County
CEE is commissioning, installing, and optimizing operational controls for greater efficiency in this public building.