With a mission to promote wellness and recreation, Messiah College transformed its sports center and dining facility into models of sustainability and student engagement. When the college implemented a new combined cooling, heating, and power (CCHP) plant, its leadership saw an opportunity to use projected energy savings to help fund facility expansions that would improve student and employee fitness, support Messiah’s nationally ranked sports teams, and enhance quality of life at the vibrant Central Pennsylvania campus.

MAXIMIZING EFFICIENCY & SUSTAINABILITY
- Minimized carbon footprint with natural gas conversion and new CCHP
- Captured energy normally lost in CCHP power generation, heating water in five campus buildings and cooling seven
- Saved $617,000 in utilities costs in first year of operation
- Installed energy-efficient LED lighting, providing 32 percent more watts-per-square-foot than code required
- Incorporated rain garden to reduce runoff and aid in stormwater management

CREATING ENHANCED FACILITIES
- A 15,000-square-foot fitness center addition supports athlete, student, and staff wellness
- A two-court gymnasium addition expands team practice and student recreation space
- Renovations to Hitchcock Arena and natatorium improve spectator experience
- A 7,600-square-foot dining hall addition creates multifunctional space with 250 new seats
- New plaza outside the expanded dining hall creates a welcoming space for outdoor dining and events
- New access control, communication, and building control systems improve efficiency and security

“These **SIGNIFICANT RESOURCES** are critical to our ongoing strategic planning efforts as we work to be the **PREMIER CHRISTIAN COLLEGE** in the eastern United States.” — President Kim S. Phipps