M&T Bank Stadium

Project Type: Stadium
LEED Rating System: Existing Building: Operations & Maintenance v2009
Certification Level: Gold

M&T Bank Stadium, home of the 2013 Super Bowl Champions, the Baltimore Ravens, is owned and operated by the Maryland Stadium Authority (MSA). The stadium is a 5 story building with over 1.5 million square feet. The stadium has over 72,000 spectator seats; some of which are enclosed suites. The Ravens and MSA wanted to step forward as a leader in the sports industry by pushing the envelope with their efficiency and sustainability. The MSA and Ravens decided early on that a LEED EB O&M certification was the goal.

One of the largest difficulties to overcome was quantifying the stadium's energy efficiency and implementing a campus wide smoking ban– this called for some creative strategies which also brought significant energy and maintenance cost savings. One of the truly remarkable highlights of this project was how cooperative and helpful all of the stadium staff, partners, and vendors were with the LEED program and the implemented sustainability programs. In November 2013, M&T Bank Stadium became the first ever LEED EB O&M Gold certified stadium.

Major Sustainability Highlights:

- 43% water reduction with the installation of over 400 waterless urinals
- 27% above the national average in energy efficiency
- 71% of regularly occupied spaces have access to views of the outdoors

Additional Sustainable Highlights:

Offset 123,070 metric tons of greenhouse gas emissions
Comprehensive Cooling Tower Management Plan

Project Team:

Owner:	Maryland Stadium Authority
Occupant:	Baltimore Ravens
Mechanical Engineer:	Advanced Building Performance, Inc.
Commissioning Agent:	SRA International, Inc.
	GreenEcoSavers, LLC
Cleaning Services:	Chimes and American Detail Cleaning
Pest Services:	Western Pest and AB&B Termite and Pest
LEED Consultant:	Lorax Partnerships, LLC

LEED Facts

Certification awarded: November 8th, 2013

GOLD	**60 ***
Sustainable Sites	11/26
Water Efficiency	8/14
Energy & Atmosphere	18/35
Materials & Resources	6/10
Indoor Environmental Quality	9/15
Innovation	6/6
Regional Priorities	2/4

**out of a possible 110 points*