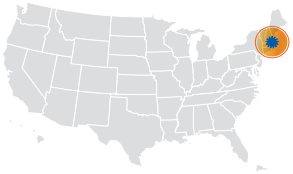
COMMERCIAL/INSTITUTIONAL

SUCCESS STORY

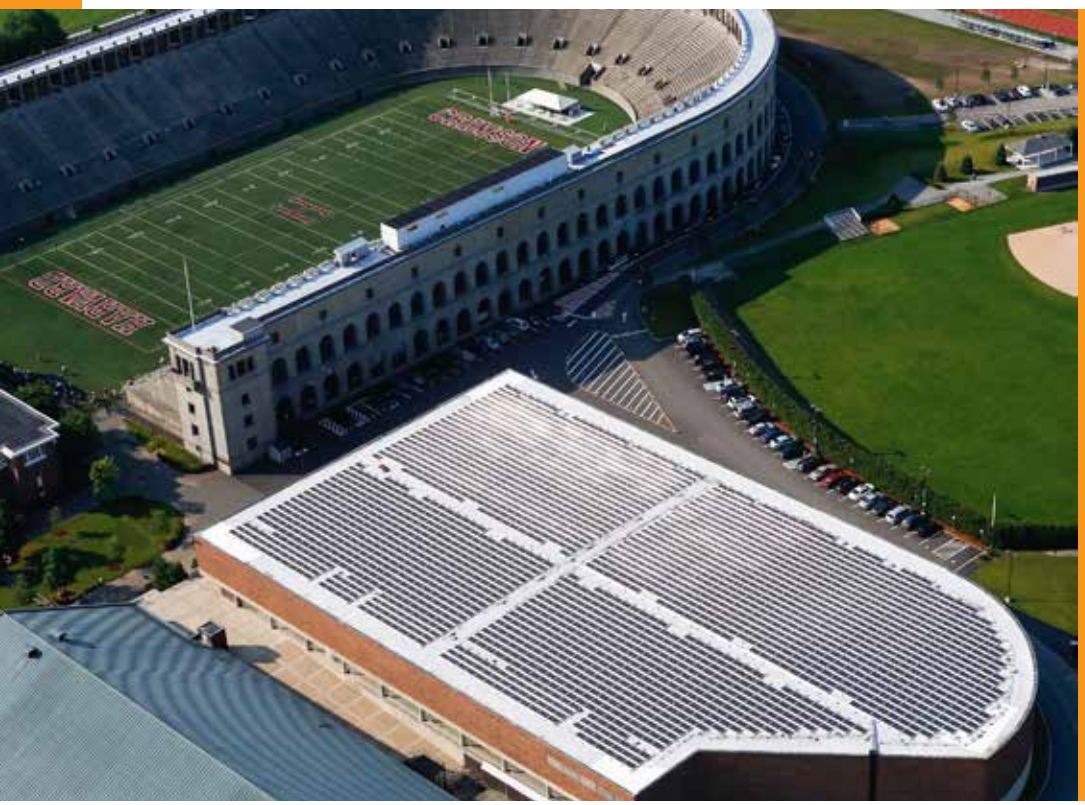
HARVARD UNIVERSITY

Cambridge, Massachusetts



YINGLI SOLAR

U.S. Soccer Powered by Yingli Solar



INSTALLATION	
Customer	**Harvard University**
Project	**Gordon Indoor Track and Tennis Building**
Location	**Cambridge, Massachusetts**
Size	**592 kW**
Module Type	**PANDA 60 Cell Series**
Connected	**June 2012**
Installer	**Borrego Solar, Inc.**
Owner	**Harvard University**

TECHNICAL SPECIFICATIONS	
Rated System Power	**592 kW**
Number and Module Type	**2,275; PANDA 60 Cell Series**
Annual Energy Yield	**714,510 kWh**
Number of Avg. Homes Powered	**100**
CO2-savings p.a. approx.	**480 metric tons**

HARVARD UNIVERSITY ATHLETICS: RUNNING ON SOLAR

Harvard University is recognized internationally for excellence in higher education. While the University's dedication to sustainability is less well-known, it is equally impressive. In 2008, Harvard University officials pledged to reduce the University's greenhouse gas emissions to 30% below 2006 levels by 2016. To reach this goal, Harvard has installed more than 1,160 kW of solar PV across six different projects. The 592 kW facility on the Gordon Indoor Track and Tennis Building is Harvard's largest solar energy system, and the University estimates that it will pay for itself within 6 to 10 years. Leading solar integrator Borrego Solar, Inc. designed the project using Yingli Solar's high efficiency PANDA Series modules to maximize system performance. By investing in renewable energy solutions, Harvard University is helping the environment and saving money on electricity costs – giving Harvard more resources to invest in the academic programs that make it one of the of the world's most prestigious universities.

Harvard University is using solar energy to reduce greenhouse gas emssions and meet aggressive sustainability targets.

"The Yingli Americas team has proved time and time again that they are among the world's most reliable solar module suppliers. They appreciate and treat their customers like partners, offering up support and resources whenever it's needed without a second guess. We trusted Yingli to meet our client's high expectations."

– Anita Orozco
Purchasing and Logistics Manager, Borrego Solar, Inc.

All project photos courtesy of Borrego Solar, Inc.

DETAILS ABOUT THE SYSTEM

– The 592 kW system is comprised of 2,275 Yingli Solar PANDA 60 Cell modules, and is Harvard University's largest solar energy project to date.

– Borrego Solar designed Harvard Athletics' Gordon Indoor Track solar project for maximum efficiency, so it allows only a five percent loss of electricity as power runs from the solar panels to the system's inverter.

– The project produces enough electricity to power 100 average American homes, which will offset the release of nearly 480 tons of carbon dioxide emissions to the atmosphere.

– Harvard University has installed six solar PV systems on its campus, for a total of 1,160 kW. The University has also invested in roof-mounted wind turbines and combined heat and power projects to further reduce its carbon footprint.