

2014

# SOLAR IN SPORTS

## *talking points*

### Solar Energy Industries Association (SEIA) Solar in Sports Report

- There are **25 stadiums, arenas and raceways** in the U.S. with either a solar PV or solar hot water system (24 PV, 1 SHC)
  - Solar PV systems are under development or construction at **two additional stadiums**
- Solar powers professional sports across **12 different states**
- **27 teams** play in the 22 stadiums and arenas
- There are three solar-powered raceways
- The CO2 offset by these systems is equivalent to planting **half a million trees each year**
  - PV in pro sports generates a combined total of 28,000 MWh of electricity per year
  - There are more than 117,000 solar panels installed
- The **Colorado Rockies** installed the first U.S. professional sports solar system in 2007
  - First NFL: Gillette Stadium/Patriot Place, New England Patriots, 2009
  - First NBA: Staples Center, LA Lakers/Clippers, 2008
- More than **30 percent of NFL teams** have solar facilities
- More than **25 percent of MLB teams** use solar
- **20 percent of NBA teams** use solar
- Total PV capacity of the 24 existing PV systems is **21.7 MW**

### Fun Facts

- The solar structure at the Diamondbacks' Chase Field provides sun shade as well as power
- Coors Field prevents 1,000 pounds of coal being burned each year
- Lincoln Financial Field, where the Philadelphia Eagle play, produces four times the amount of power consumed during a season's worth of home games
- Pocono Raceway generates enough electricity to power 1,000 homes, above and beyond the raceway's needs
- Indianapolis Motor Speedway boasts the largest solar system of any sports facility in the world

### Largest Systems

- Overall: 9 MW system at Indianapolis Motor Speedway
- NFL: Lincoln Financial Field, Philadelphia Eagles, 3 MW
- MLB: AT&T Park, San Francisco Giants, 120 kW
- NBA: Staples Center, LA Lakers/Clippers, 364 kW
- NHL: Staples Center, LA Kings, 364 kW
- MLS: Gillette Stadium/Patriot Place, New England Revolution, 1 MW
- NASCAR: Pocono Raceway, 3 MW