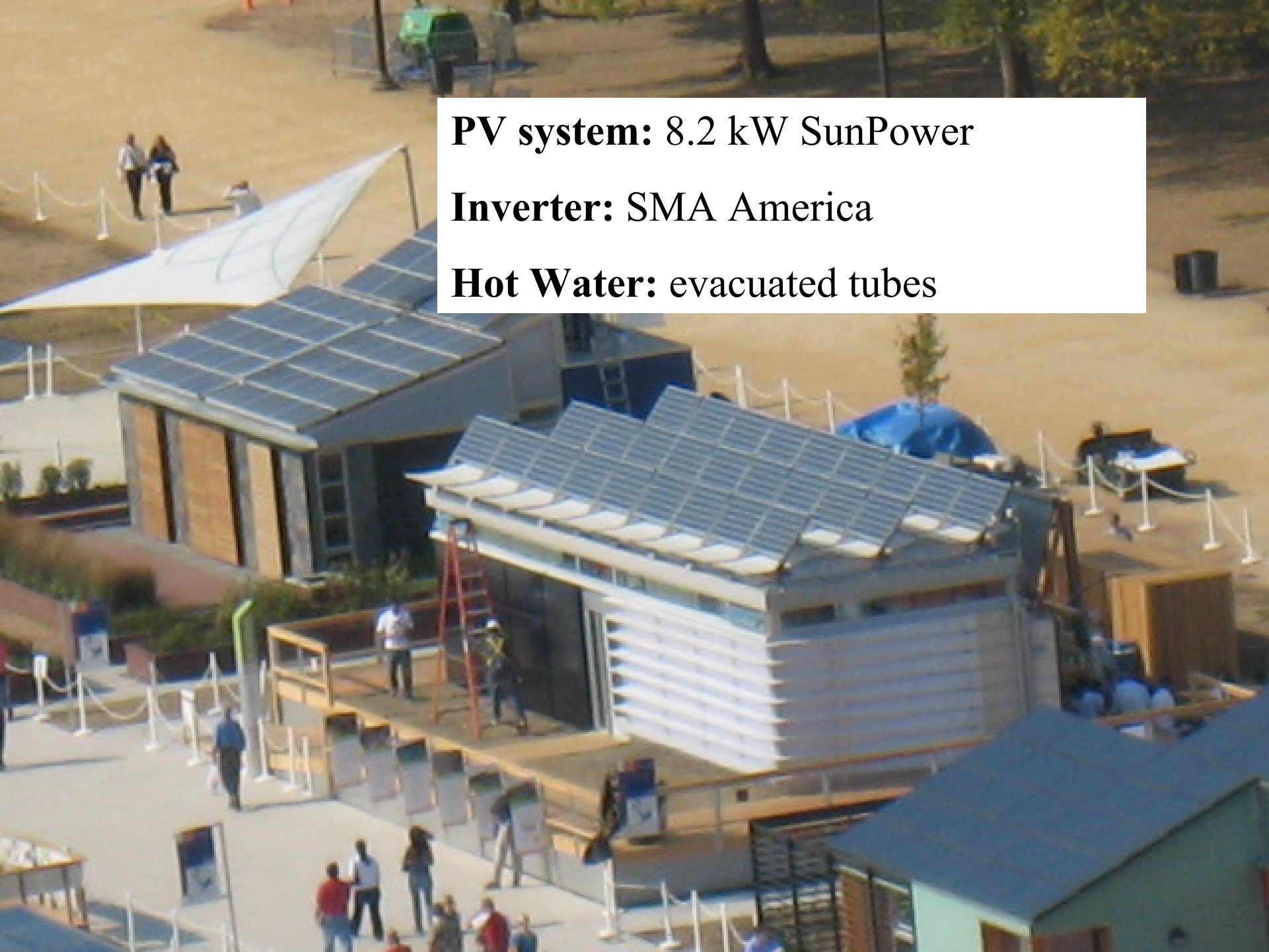
Standings

Wednesday, October 17

1. Maryland
2. Darmstadt
3. Penn State
4. Georgia Tech
5. NYIT
6. Montreal
7. Texas Austin
8. Madrid
9. Colorado
10. Cornell
11. Santa Clara
12. Kansas
13. Puerto Rico
14. Illinois
15. Cincinnati
16. Texas A&M
17. Carnegie Mellon
18. Lawrence Tech
19. MIT
20. Missouri-Rolla

Georgia Institute
of Technology
113

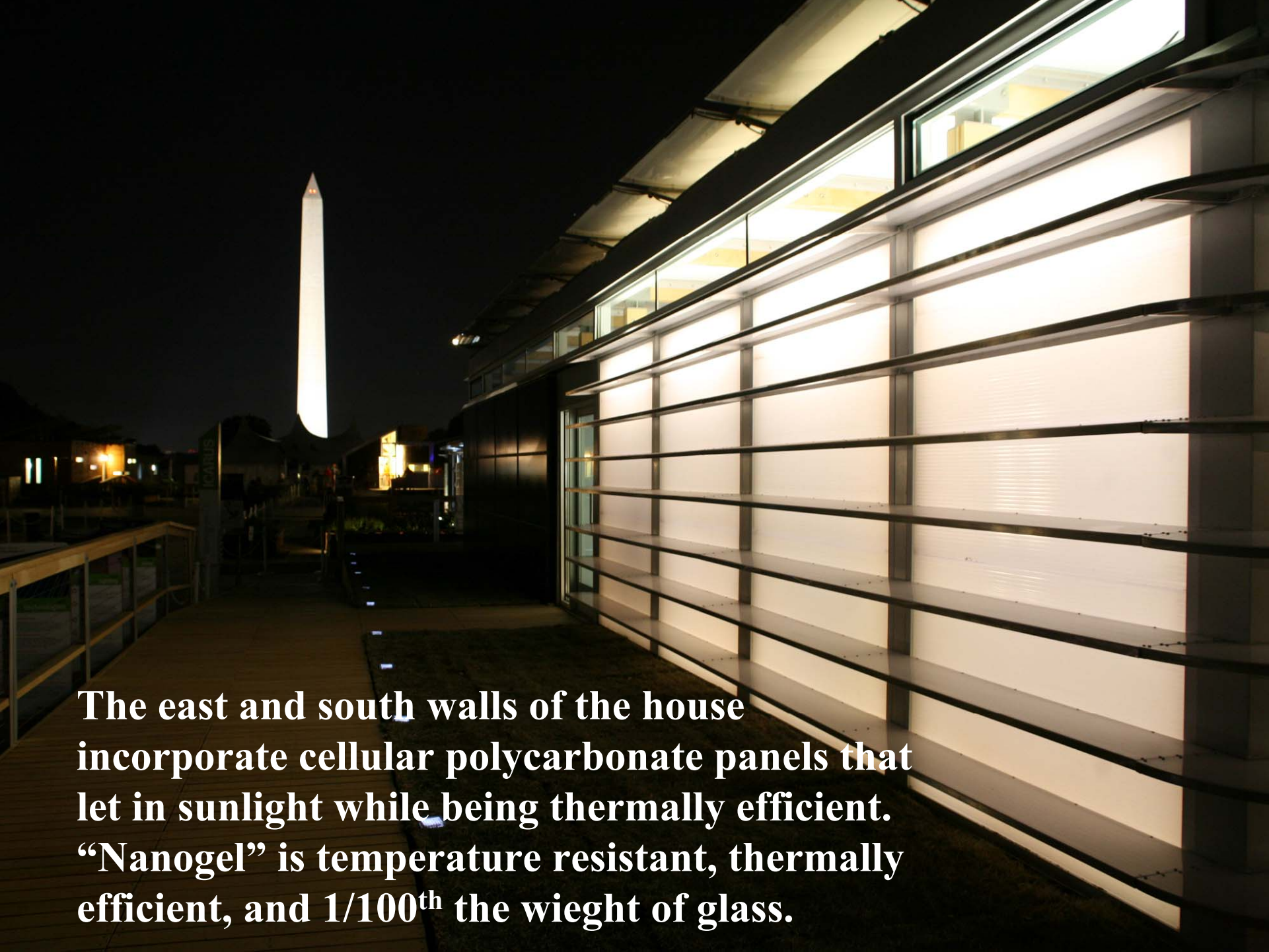


PV system: 8.2 kW SunPower

Inverter: SMA America

Hot Water: evacuated tubes

The roof is translucent, made possible by Aerogel insulation and ETFE (ethylene-tetrafluoraethylene), a translucent film with high corrosion and temperature resistance. ETFE has been used in large-scale buildings (e.g., the Aquatics Center for the 2008 Beijing Olympics Beijing), but this represents its first residential application in the United States.



The east and south walls of the house incorporate cellular polycarbonate panels that let in sunlight while being thermally efficient. "Nanogel" is temperature resistant, thermally efficient, and 1/100th the wieght of glass.

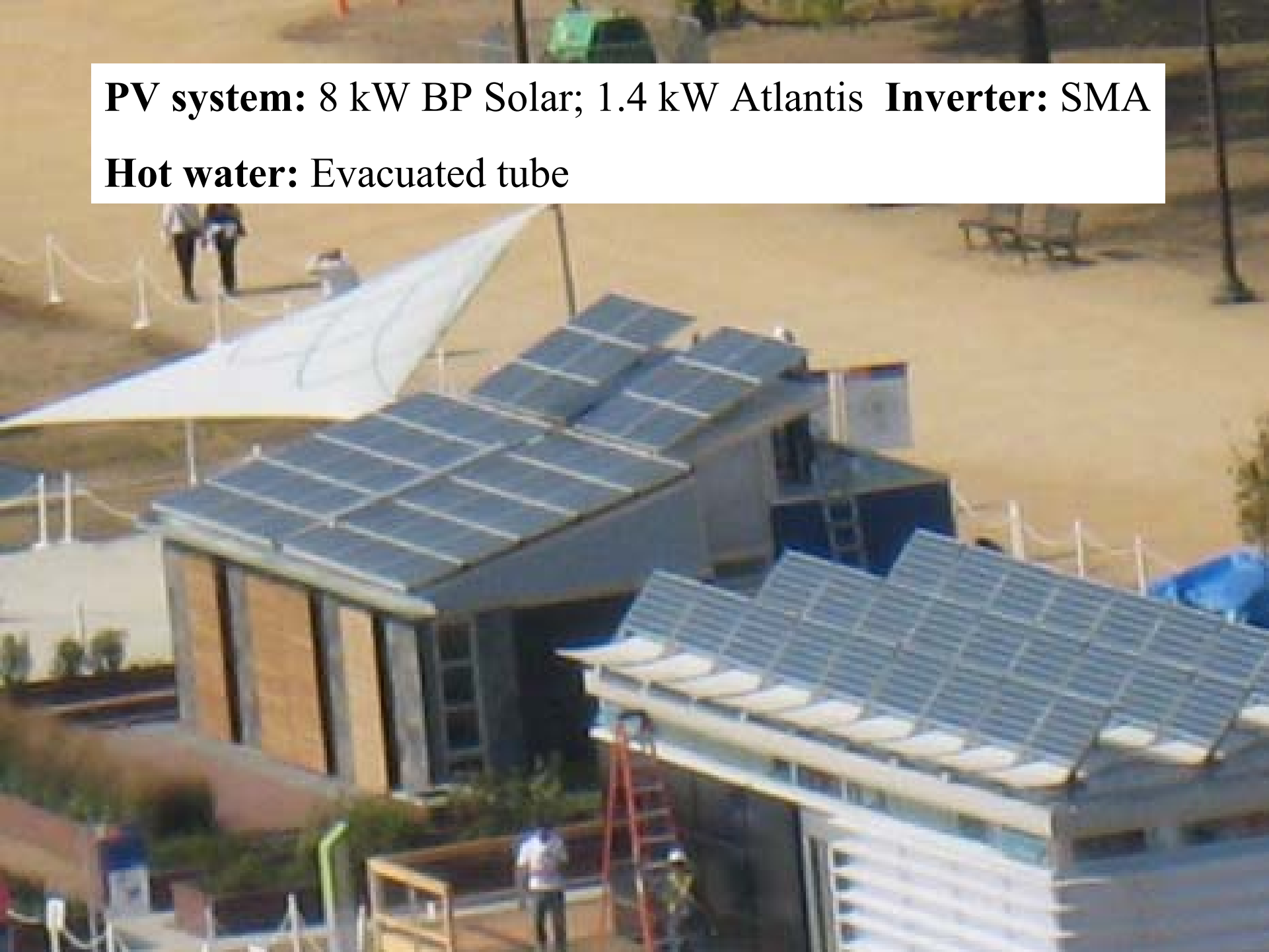
NYIT

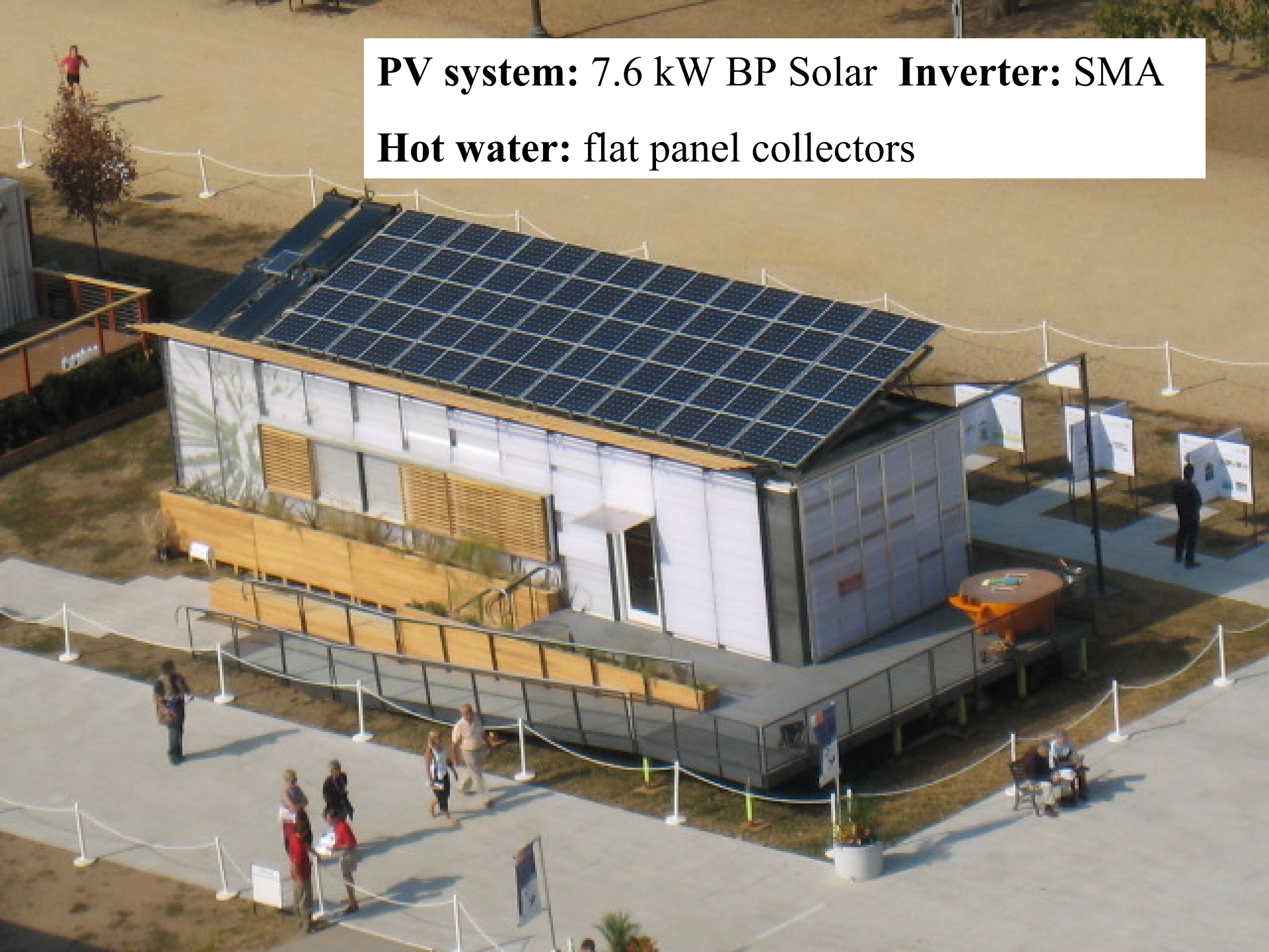
PV system: 7.5kW SunPower rooftop; 400 W EPV a-Si glass shading overhang. **Inverter:** Xantrex **Hot Water:** Apricus evacuated tubes

PV shingle: 1.4 kW

Manufactured by Atlantis

MorningStar
PENN STATE '07
We Are ....
the MorningStar Pennsylvania!
WE ARE
PENN STATE '07
Welcome!
Bienvenue!
¡Bienvenidos!
Willkommen!
MorningStar
CLOSED


PV system: 8 kW BP Solar; 1.4 kW Atlantis **Inverter:** SMA
Hot water: Evacuated tube


PV system: 7.6 kW BP Solar **Inverter:** SMA
Hot water: flat panel collectors

Team Montreal

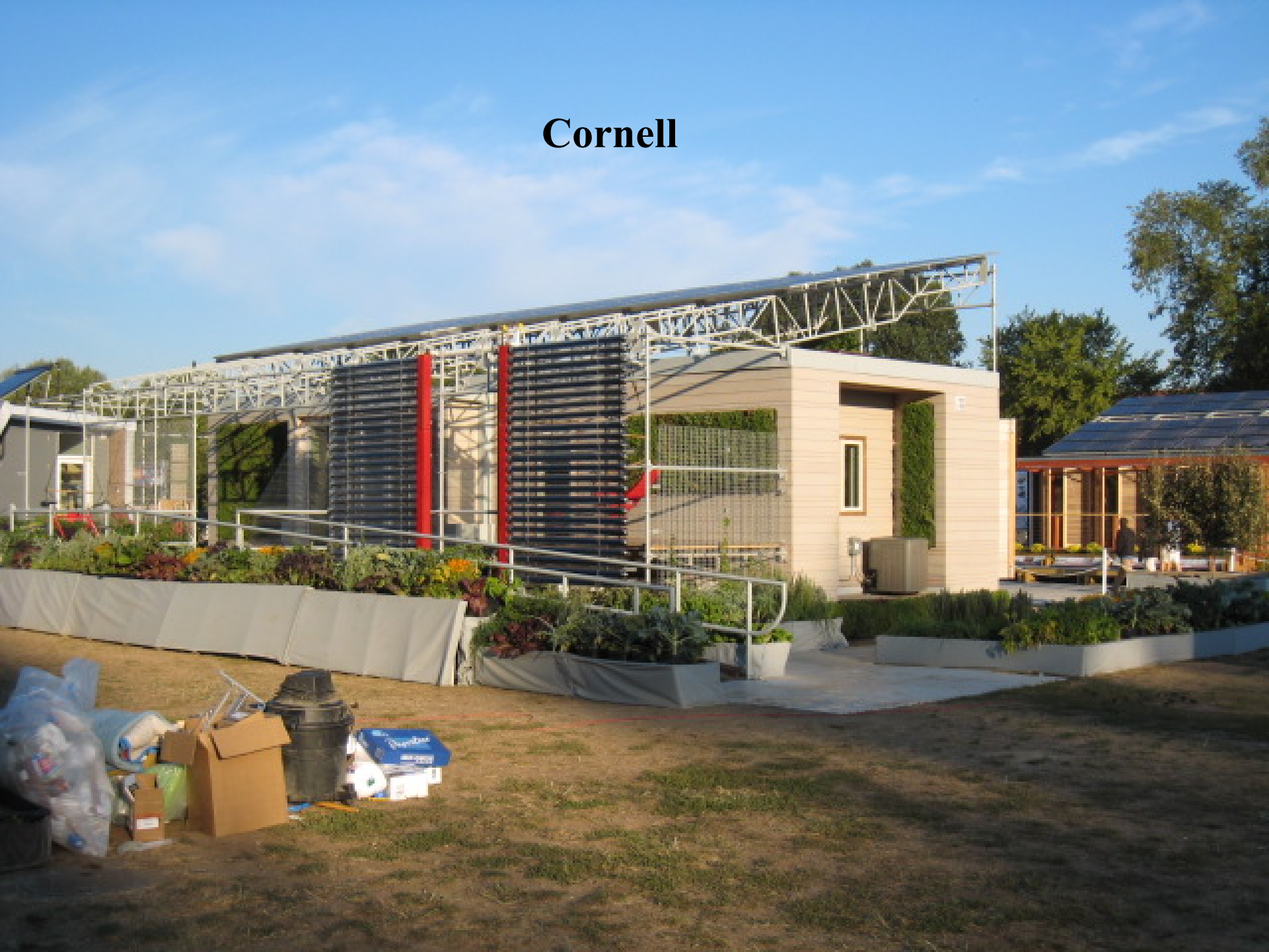
CAUTION
carrier

CAUTION
DEWALT

PV system: 8.2 kW Sanyo **Inverter:** Xantrex

Hot water: Stiebel Eltron thermal panels

Cornell



Contest 3: Market Viability

1. Illinois
2. Maryland
3. Penn State
4. Missouri-Rolla
5. Darmstadt
6. Santa Clara
7. Texas A&M