



Proudly Sponsors the
U.S. Department of Energy
Solar Decathlon 2011



Sept. 23rd – Oct. 2nd | National Mall's West Potomac Park



U.S. DEPARTMENT OF ENERGY
SOLAR DECATHLON

2011

Welcome

The U.S. Department of Energy Solar Decathlon challenges 19 collegiate teams to design, build, and operate solar-powered houses that are cost-effective, energy-efficient, and attractive. The winner of the competition is the team that best blends affordability, consumer appeal, and design excellence with optimal energy production and maximum efficiency.

M.C. Dean is fortunate to be part of history in the making. We are proud to support all the talents and hard work of all the teams from around the nation and the world.

Just like you, we are excited to be here!

For more information visit: www.mcdean.com/solardecathlon2011

Saturday, 9/24
10 am – 11 am

Meet Our Solar Experts

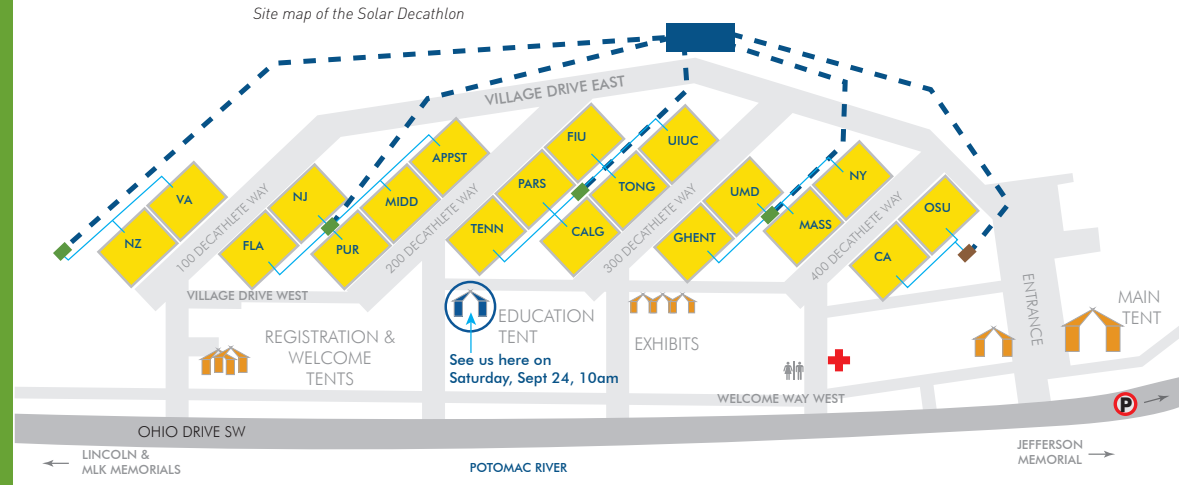
The M.C. Dean team of engineers will host a **Solar Workshop: Solar 101 – How to Safely Design Your Solar Installation**. Please visit the education tent at the west wing of the facility.

Why M.C. Dean?

As experts in energy and electrical systems and a first-time sponsor, M.C. Dean is proud to support this special event by providing grid connected solar power system design, installation, operation, and monitoring; delivering reliable service to the teams, sponsors, attendees, Department of Energy, and all others involved in the competition. This is our opportunity to showcase our talent in engineering, safety, quality, and productivity. We have completed many comparable designs and installations which makes M.C. Dean the top choice for this global event.

More information at:

www.mcdean.com/solardecathlon2011



Connected for Efficiency

We have value engineered the electrical grid system for connecting the entire event's power supply to run efficiently, safely and reliably.

Experience in Green Energy

Over \$750M in LEED Projects including sustainable construction and renovation of Federal campus facilities, hospitals, educational institutions, transportation, and rail projects.



Defense Information Systems Agency
LEED Silver



Pentagon Wedges 2-5
LEED Gold



Walter Reed National Military Medical Center
LEED Silver



Fort Belvoir Community Hospital
LEED Silver

- **LEED Construction & Renovation Projects**
- **Energy Modeling / Building Information Modeling**
- **Research and Development in Renewable Energy Delivery**

Emerging Technologies:

- Future Renewable Electric Energy Delivery and Management (FREEDM) Systems Center
- Solar & Wind Microgeneration
- Distributed Storage
- Consumption
- Lighting Controls

About M.C. Dean, Inc.

With over 60 years of experience, M.C. Dean is the nation's expert in engineering, systems integration and services for mission-critical systems and facilities. We set the industry standards for design-build-maintain programs in electrical infrastructure, C4 Systems, telecommunications, instrumentation and control, and security & electronic systems.

M.C. Dean is based in Dulles, VA and has more than 3,500 employees and 30 offices worldwide.

- *Electrical Systems*
- *Electronic Security*
- *Telecommunications*
- *Life-Safety Systems*
- *Instrumentation & Control*
- *Command & Control (C4) Systems*
- *Service & Critical Support*

Inquiries

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**We
are**

#1 Top Specialty Contractor in the Mid-Atlantic
(Mid-Atlantic Construction, October 1, 2010)

3rd Largest Electrical Firm in the Nation
(Engineering News-Record, October 11, 2010)

10th Largest Private Firm in Washington, D.C.
(Washington Business Journal, June 10-16, 2011)

