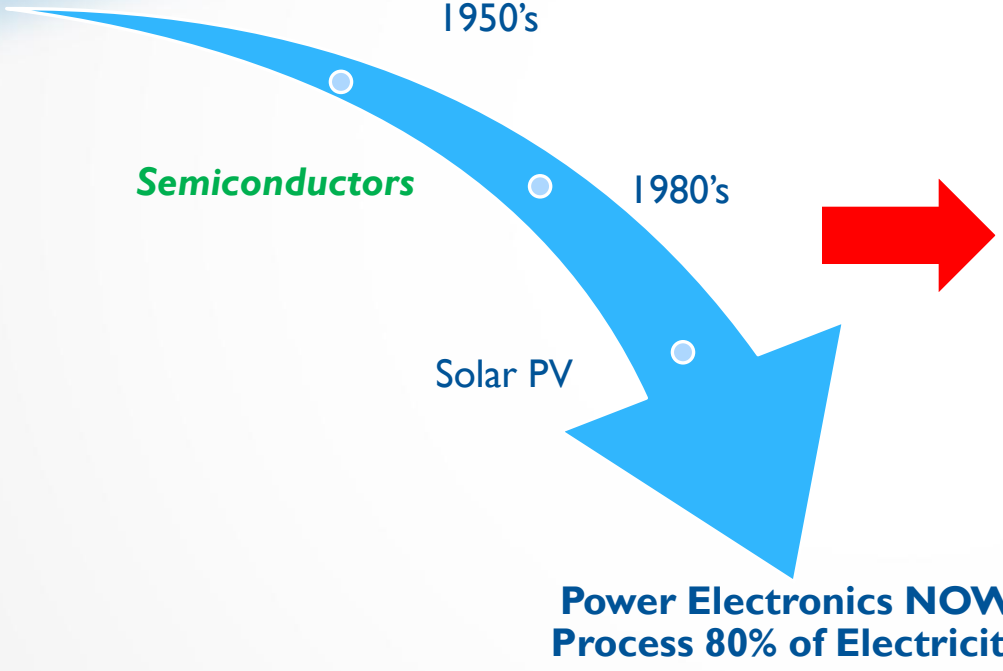
NEXTEK

Power Systems

DIRECT COUPLING® DC MICROGRID TECHNOLOGY & SYSTEMS

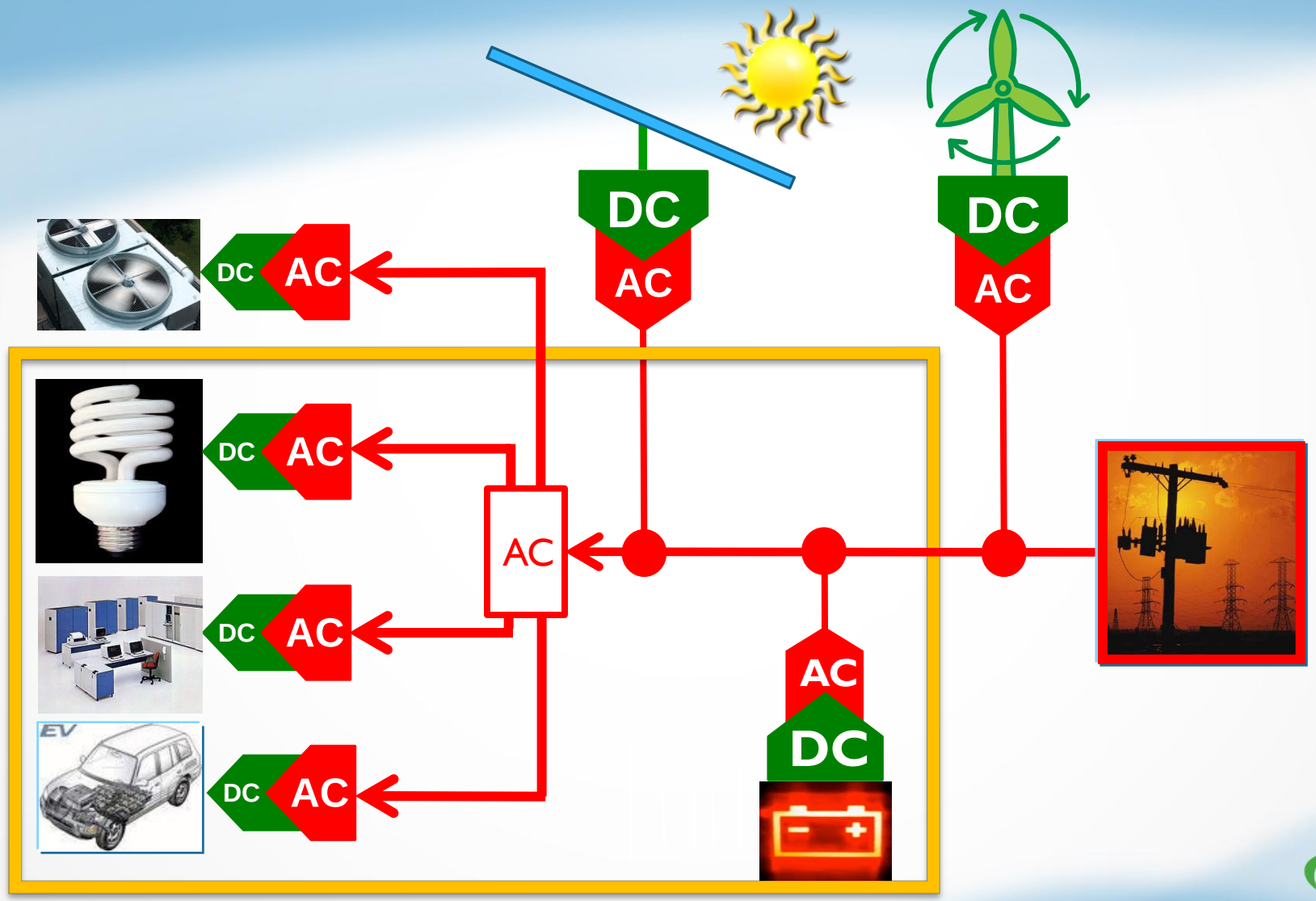
Nextek's recognition of a major shift in the power equation:

All Inductive or resistive

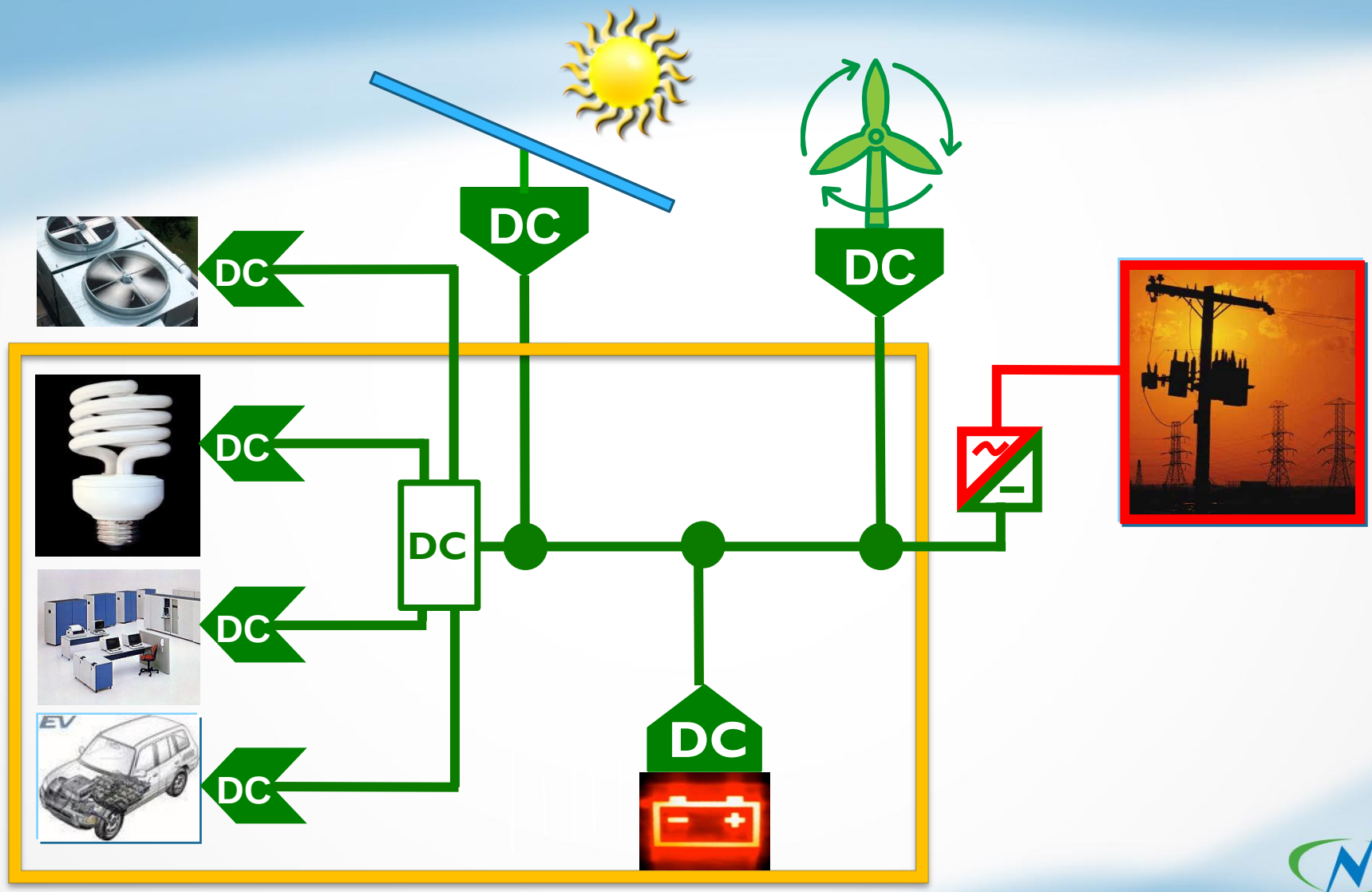


DC Loads are forced to take in AC power

The Problem



The Solution

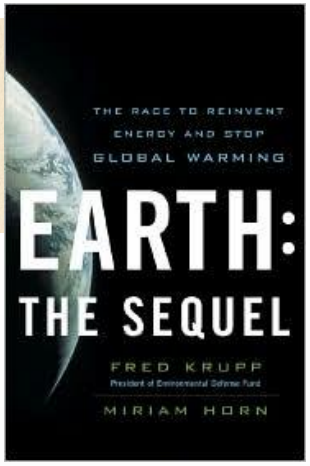


Who Are We?

An internationally recognized pioneer in the development of Direct Coupling® DC Microgrid technology, systems and products.

- **Over 20 issued patents and multiple pending applications**
- **Offices in Detroit and Long Island, NY**
- **Founding member of EMerge Alliance®**
- **World Technology Network Award for Energy 2010 Nominee by Time Inc. and CNN**

Still others are plugging the big energy leaks built into existing systems. **Nextek Power Systems** on Long Island makes a device that connects renewable energy sources that generate DC power directly with electronic devices and data centers that use DC, avoiding the energy losses in converting into and out of AC. Google and Intel are leading a coalition working to replace cur-



The EMerge Alliance®

Founding and Governing Members

Armstrong CEILING SYSTEMS

NEXTEK Power Systems

WAVE WORTHINGTON ARMSTRONG VENTURE

Johnson Controls

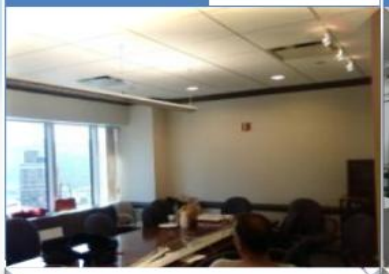
OSRAM SYLVANIA

MISSION STATEMENT:

An open industry association developing standards leading to the rapid adoption of DC power distribution in commercial buildings.

Demonstration Sites

PNC Financial Services
HQ
Pittsburgh, PA



lauckgroup
Architectural Office
Dallas, TX

US Green Building
Council HQ
Washington, DC

Nextek Power
NextEnergy Center
Detroit, MI

UC San Diego
Sustainability Center
San Diego, CA

Southern Cal Edison
Design & Eng/SCLTC
Irwindale, CA

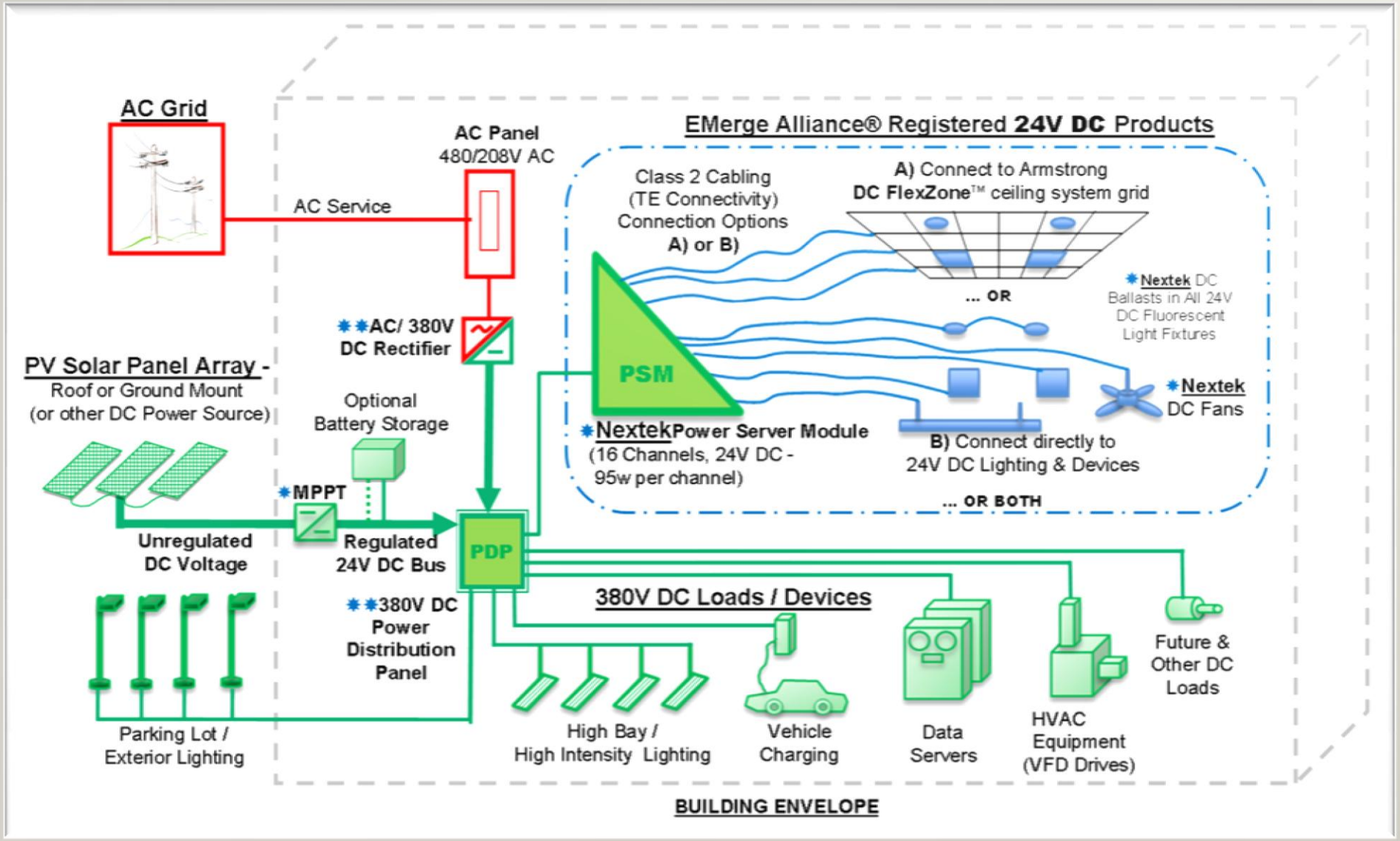
Armstrong World Ind.
Innovation Center
Lancaster, PA

Optima Engineering
MEP Firm
Charlotte, NC

LACCD
Trade Tech Campus
Los Angeles, CA

CLTC
UC Davis Campus
Davis, CA

380V and 24V DC Solution



Nextek Customer Reach

Global Customer Sites

US Customer Sites

Hawaii

-Our future is DC powered-

The F-35 JSF has a 270 VDC input

requirement for ground maintenance.