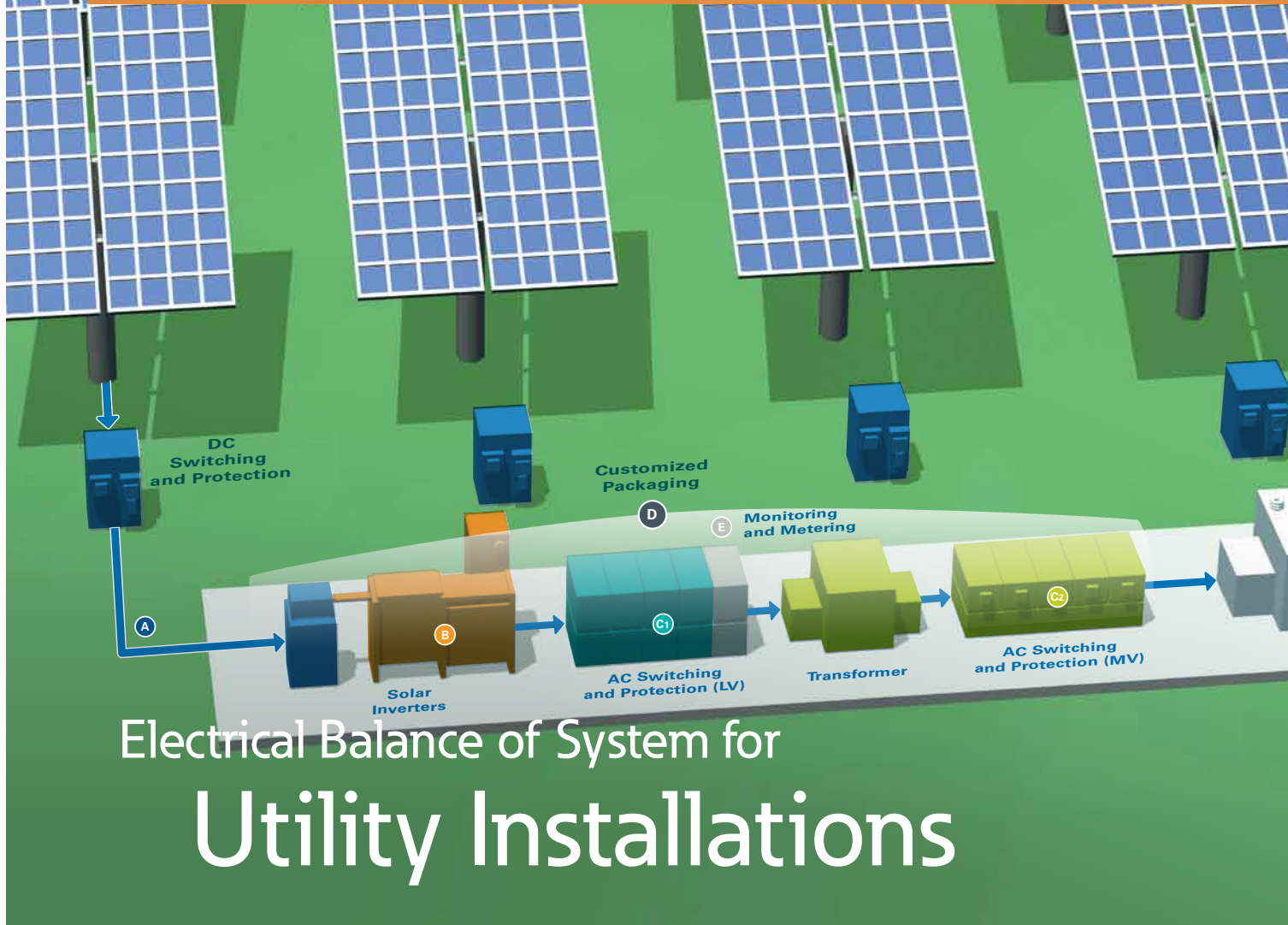


Connecting the
Power of the Sun

Electrical Balance of System
for Utility Installations



Electrical Balance of System for Utility Installations

Because utility solar farms are often located in remote areas, they can present operation and maintenance challenges. Eaton's electrical balance of system packages can help solar farms:

- Reliability
- Energy efficiency
- Safety
- Cost effectiveness

Our NEMA 3R enclosures and outdoor electrical houses help protect equipment from the elements and keep it operating. Eaton's complete Integrated Power Assembly (IPA) buildings reduce the need for construction on remote sites and offer the added convenience of a control room and office space.

Eaton can also help support solar farms once they're operating. We offer an extensive selection of operations training for electrical power systems equipment, and we're a leader in electrical safety training. We can even help monitor and manage solar system performance with our remote performance monitoring services.

Eaton product solutions combine:

- DC switching and protection (UL 1741)
- Robust inverter technology – same reliable technology that is used in our AC motor drives (UL 1741)
- AC switching and protection
- Integrated metering
- Customized packaging and pre-configuration

EATON'S ELECTRICAL BALANCE OF SYSTEM

- A** DC switching and protection
- B** Solar inverters
- C1** AC switching and protection (LV)
- C2** AC switching and protection (MV)
- D** Customized packaging
- E** Monitoring and metering

EATON

Powering Business Worldwide

A DC switching and protection

DC combiner boxes



DC circuit breakers



DC disconnect switches



DC contactors



B Solar inverters

Solar inverters – 100kW through 1MW



C1 AC switching and protection

AC panelboards/switchboards



AC disconnect switches



C1 C2 AC switching and protection

AC circuit breakers



Medium voltage AC switchgear



Low voltage switchgear



Low voltage and medium voltage transformers and substations



D Customized packaging

Integrated Solar System (ISS)



Integrated Power Assembly (IPA)



E Monitoring and metering

Monitoring and metering products compatible with Eaton and other manufacturers' equipment



Power Xpert® software

