

Utility solar solutions



Electrical Balance of System for Utility Installations

Our roots in the electrical industry run deep. As a bankable partner with 100 years of innovation, we are your single source supplier of electrical balance of system solutions to help improve:

- Reliability
- Efficiency
- Safety

Eaton provides complete electrical balance of system solutions from the combiners, to the inverter, to the medium voltage interconnection to the grid.

Our NEMA 3R enclosures and outdoor electrical houses help protect equipment from the elements and keep it operating.

Eaton can also help support solar farms once they are operating. We offer an extensive selection of operations training for electrical power systems equipment, and we are 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 (UL98 and UL98B)
- DC combiners (UL1741)
- Robust inverter technology – same reliable technology that is used in our battery storage inverters
- AC switchgear
- Integrated metering
- Customized packaging and pre-configuration

EATON'S ELECTRICAL BALANCE OF SYSTEM

- A** DC combiners, switches and switched combiners (1000 Vdc)
- B** Solar inverters (1000 Vdc) and solar transformers
- C** AC switchgear
- D** Monitoring and metering
- E** Electrical solar services

EATON

Powering Business Worldwide

Electrical Balance of System for Utility Installations

A DC combiners, switches and switched combiners (1000 Vdc)

DC disconnect switches



DC circuit breakers



Switched combiners



DC switchboards



B Solar inverters (1000 Vdc) and solar transformers

Utility-scale solar inverters – 250kW through 500kW



Medium voltage step-up transformer



© 2010 Photo courtesy of Cooper Power Systems

C AC switchgear

AC switchboards



AC disconnect switches



C AC switchgear

AC circuit breakers



Medium voltage AC switchgear



D Monitoring and metering

Meters and software



E Electrical solar services

Custom Solar Switchboards



Low voltage and medium voltage transformers and substations

