

CUSTOMER REFERENCE

BES/2019/001



Convert SC Flex was Chosen by CMI Energy to Equip One of the Battery Energy Storage Systems of its MiRIS Project

CMI Energy, a global power generation equipment supplier and integrator, has already extended its experience in Concentrated Solar Power with thermal storage and is now engaged in the energy transition with battery storage associated with intermittent renewables sourced energy. AEG Power Solutions is supplying a power conversion system (Convert SC Flex and transformer) which consists in a Convert SC Flex converter and a transformer embedded in an outdoor enclosure to CMI Energy for its MiRIS project.

MiRIS is an ambitious photovoltaic pilot plant combined with energy storage. Convert SC Flex bi-directional power converter provides an outstanding conversion efficiency factor for both the charging and discharging phases and offers a wide range of DC input voltage which spans from 330 V to 1000 V. This allows to use the converter with any type of battery technology. In the MiRIS project Convert SC flex is combined with a flow battery storage, proving its capability to provide the initial charging phase that those batteries specifically require.

Convert SC Flex will also demonstrate in this configuration that it allows seamless transition between on and off-grid mode.

CUSTOMER INFORMATION



CMI Energy

Global power generation equipment supplier and integrator.

(TECHNICAL) SPECIFICATIONS

Locations	Seraing, Belgium
Application	Energy transition with battery storage associated with intermittent renewables sourced energy
Products AEG PS	Convert SC Flex, Transformer (embedded in an outdoor enclosure)