Appendix A - Connection diagram of the PV system at the Training Facility

Monocrystalline PV cells
- 9 modules
- Fronius IG 20

Polycrystalline PV cells
- 8 modules
- Solar River 2300 TL

Amorphous PV cells
- 20 modules
- SMA SB 2500HF-30

Thin Film PV cells
- 6 modules
- SMA SB 1100
- SMA SB 1700

Battery bank
- SMA SBU 5000

Sunny backup automatic switchbox

Automatic disconnection device for PV systems

Disconnection unit grid / island grid

Loads

Public grid

PV coupling contactor

BACKUP SYSTEM

Fronius IG 20
Solar River 2300 TL
SMA SB 2500HF-30
SMA SB 1100
SMA SB 1700
SMA SBU 5000
Sunny backup automatic switchbox
Automatic disconnection device for PV systems
Disconnection unit grid / island grid
Loads