

10.3.2 PV String information

- a) String cable specifications – size and type
- b) String fuse specifications (where fitted) - type and voltage/current ratings

10.3.3 Array electrical details

- a) Array main cable specifications – size and type
- b) Array junction box locations (where applicable)
- c) D.C. isolator type, location and rating (voltage / current)

10.3.4 Earthing & Overvoltage Protection

- a) Details of all earth / bonding conductors – size and connection points. To include details of array frame equipotential bonding cable where fitted.
- b) Design verification and Details of any connections to an existing Lightning Protection System (LPS) or additionally provided LPS.
- c) Details of any surge protection device installed (both on a.c. and d.c. lines) to include location, type and rating.

10.3.5 AC electrical details, inbuilt and external protections

- a) A.C. isolator location, type & rating
- b) A.C. overcurrent protective device location, type & rating
- c) Residual Current Device location, type & rating

10.4 CONNECTION AGREEMENT

A connection agreement, as per the format published on the DEWA website, shall be signed by the final customer and uploaded before connection by the Solar Contractor (or Solar Consultant).

10.5 OPERATION & MAINTENANCE (O&M) CONTRACT

Solar Contractor (or Solar Consultant) shall upload copy of the O & M Contract signed by the final customer with a solar contractor through the on-line system prior to the connection.

10.6 INSURANCE

It is recommended to insure the solar generation system and a copy of the insurance contract shall be uploaded on-line for DEWA records.