

## Appendix 2 – Single Buyers’ Requirements for Initial Screening

*Note: This guide is subject to change. Final requirements shall be at the discretion of Single Buyer.*  
**(REFER TO <https://www.sarawakenergy.com/investors/independent-power-producer>)**

### **The Large-Scale Solar (LSS) mandatory information required for Initial Screening**

#### **(1) Technical Requirements:**

- (a) Installed Capacity (MWp) and Output Capacity (MWac) injected into the Grid, including the level of voltage connection.

*Reference: The Sarawak (State Grid Code) Rules, 2003 Planning Code Appendix A – PC A1.3: Generating Unit and Power Station Data.*

- (b) Solar energy yield report (PVsyst, data source from Meteonorm / SolarGIS) including, Daily/Hourly power output profile and annual output energy of the LSS facility.
- (c) Proposed geographical location of the LSS facility with site coordinates and landowner’s consent for the project.
- (d) System configuration and technical information including the connection scheme, e.g., standalone solar, any capacity firming/smoothing or backup with battery energy storage system, etc.

*Reference: The Sarawak (State Grid Code) Rules, 2003 Planning Code Appendix A – PC A1.1: Connection Point and User Network Data.*

- (e) Project implementation schedule and proposed commencement date of the LSS facility.
- (f) Battery Energy Storage System maximum capacity and expected energy output (if applicable).

#### **(2) Commercial Requirements:**

- (a) Proposed price and supply term.
- (b) Consortium arrangements (if any).

#### **(3) The following section outlines SEB connection guidelines and requirements for projects connecting to the grid:**

- (a) Compliance with SEB’s connection guidelines:
- < 30MVA will connect at 33kV;
  - > 30MVA but < 120MVA will connect at 132kV; and
  - > 120MVA will connect at 275kV.
- (b) LILO connection to existing SEB’s transmission lines via Turnkey Project Model
- LILO connection is allowed at 132kV only and case-to-case basis;
  - LILO connection is not allowed at 275kV and higher voltage levels; and
  - Turnkey Project Model at 132kV is allowed based on case-to-case basis and complies to SEB’s requirement.