

Agenda item 4.1 (c) (iii)

Paragraph 40 of the annotated agenda

Clarification on applicability of AMS-I.F for mini-grid involving import

CDM EB 102

Bonn, Germany, 25 to 28 March 2019



Procedural Background

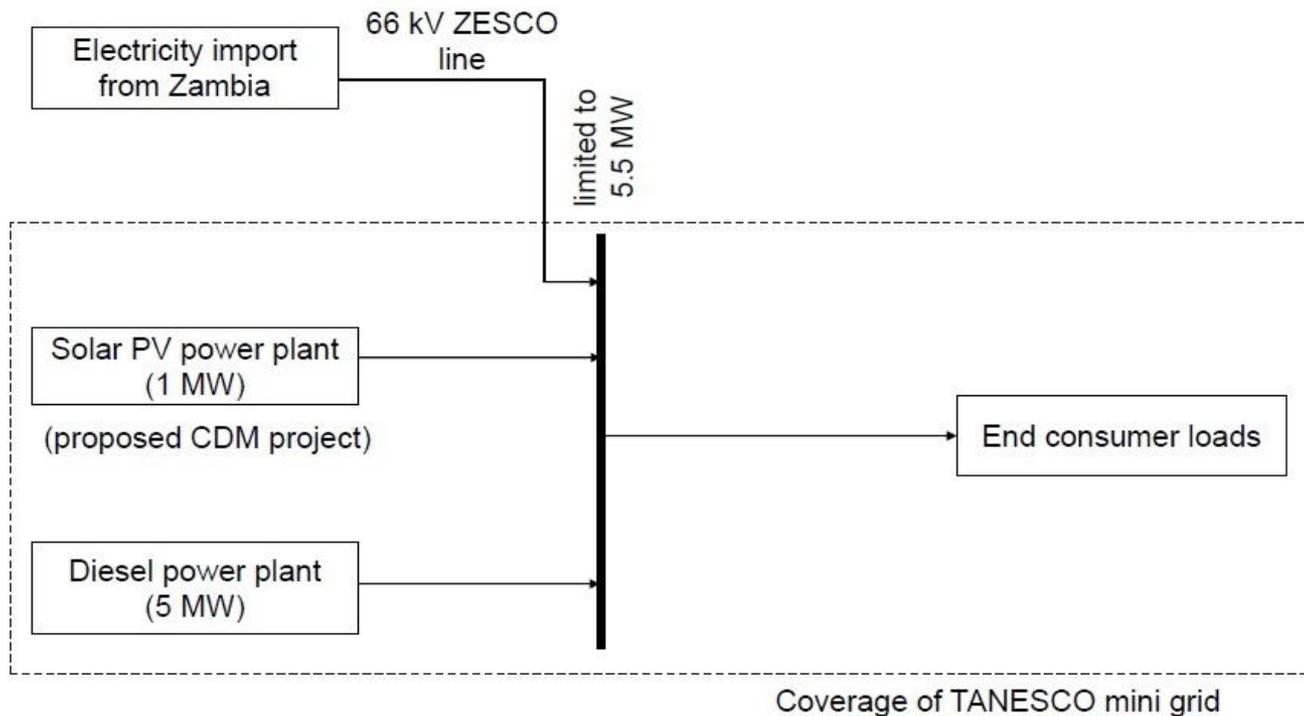
- In the context of Clarification request “SSC_748: Applicability of AMS-I.F for an isolated electricity network system with limited import from a grid of neighbouring country”.
- MP requested guidance from the Board on applicability of an approved SB beyond its geographic coverage



Key Issues

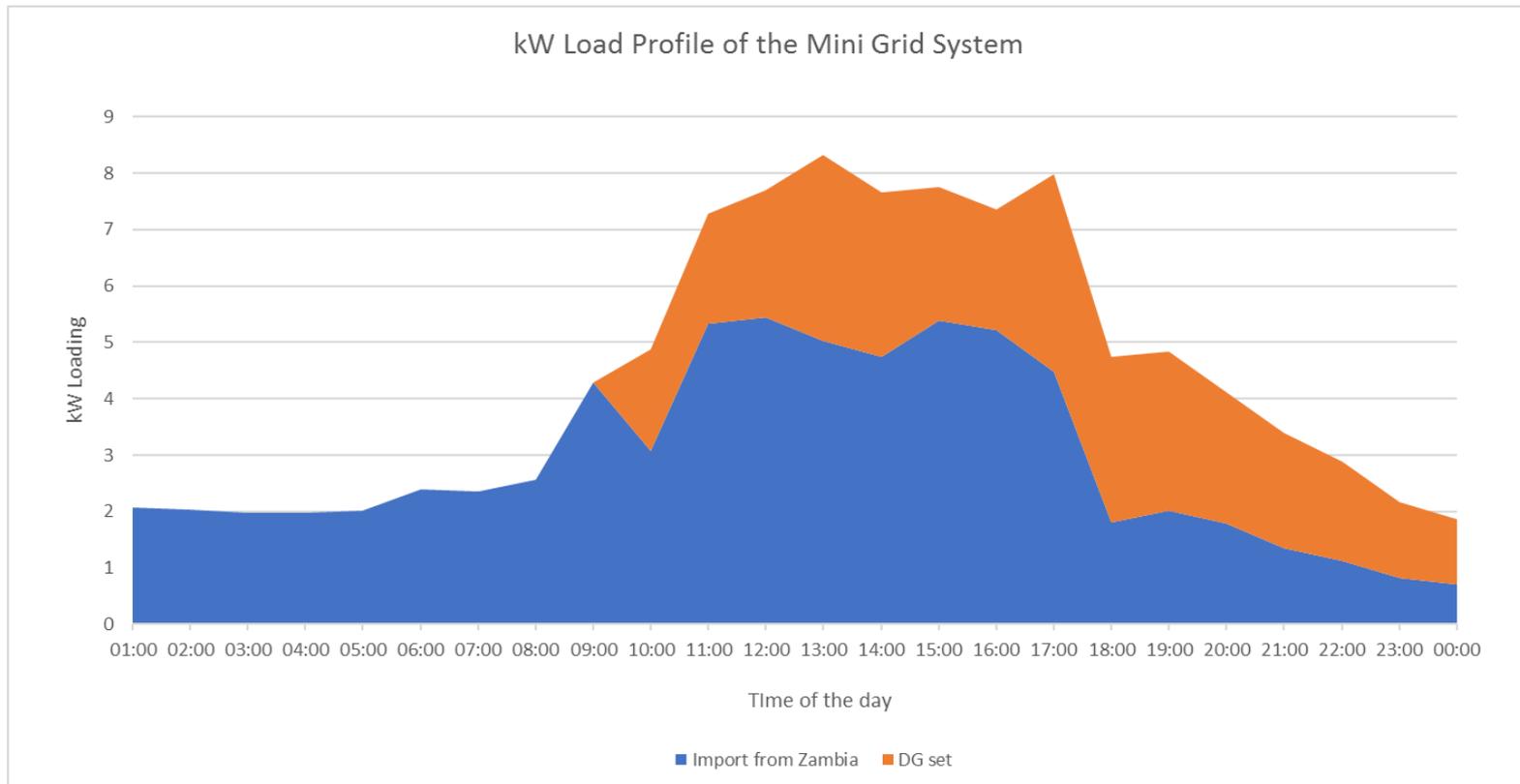
Project (one of the CPAs of registered PoA):

- Installation of Solar PV (**1 MW**) that supply electricity to a mini-grid system located in Tanzania.
- Mini-grid not connected to the national grid of Tanzania but it is connected to i) the national grid of Zambia with max power transfer limit of **5.5 MW** (one-direction i.e., only import) and ii) Diesel Generator (**5 MW**).



Key Issues

- MP noted that the proposed project will potentially displace electricity from diesel generator (i.e. on site captive electricity) as well as supply from the grid (electricity import).



Key Issues

- Based on a technical perspective MP is of the view:
 - a) Baseline for Solar Electricity has two components- DG and import
 - b) EF for the DG portion based on historical generation or default EF (AMS-I.F)
 - c) SAPP grid emission factor (ASB0040-2018) may be applied for the portion of the electricity generated by solar plant that displaces the electricity import
- However, approved SB can be normally applied for CDM projects implemented in host countries for which SB is approved (Procedural issue)
- MP requested the Board to clarify whether the emission factor contained in the approved SAPP SB may be applied to mini-grid project activities implemented in a country that is not a SAPP member country but imports electricity (no export) from the SAPP grid.



Recommendation

- The Board may wish clarify the application of standardized baseline “ASB0040-2018: Grid emission factor for the SAPP” in the specific context of project i.e., in response to clarification SSC_748

