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RE-DETERMINATION OF REIMBURSEMENT RATES OF GENERATORS WITH RENEWABLE ENERGY AS MAJOR EQUIPMENT

1. ISSUE PAPER THEME: Major Equipment

2. SUMMARY

Electricity is one of the basic needs of a peacekeepers and generator is the only source of electricity in mission area. Nowadays the responsibility of providing electricity through generator is mostly vested to TCC/PCC. Most of the contingents are maintaining their responsible camp area with their COE generators including the backup generators. Accordingly, the TCC/PCCs are reimbursed against each serviceable quantity generator maintained in the camp as 'stationary and Mobile Generators'. Whereas, the services maintained by the TCC/PCC in terms of generators matched with the definition and criteria of 'Prime Power Generator'.

However, to meet the requirement of environment section, UN is trying to shift to more greener energy project as renewable energy. As it is difficult to fulfill the requirement solely by renewable energy. so renewable energy integrated generators are planned.

3. BACKGROUND

The details of generators with classification mainly prime power generator and its related life cycle, reimbursement and maintenance are described in COE Manual 2020 Chapter 3, annex A' appendix 3, page no 40-41. Where scope of renewable energy integrated generator is not discussed.

Practically the price of setup of renewable energy integrated generator system is 8-10 times expensive than diesel generator of same capacity, So, reimbursement rate for this to be finalized. At the same time maintenance of renewable energy system requires more manpower.

4. DETAILED PROPOSAL

Consequently, two proposals are viable:

Firstly, the reimbursement rate for renewable energy integrated system should be 5 times higher. And increment of 2 manpower for maintenance

Secondly, the renewable system can be introduced in phases.