

Annexure B: Minimum content of the Energy Audit Report

1. Executive summary

The summary to provide a description of the systems and facilities covered, as well as overview of the existing conditions, measures, methodology, results and a summary table presenting the cost and savings estimates for each recommended energy efficiency measure. It should also include a summary of the recommended measures and costs as well as the financial indicators of the project.

2. Background

Background about the Department of Defence and project should be provided.

3. Facility description

Details of the existing facilities audited – i.e water infrastructure, street and perimeter lighting, buildings including hospitals.

4. Energy scenario

Energy consumption details of all facilities included in the audit and their energy sources.

5. Inventories

This section should cover inventories of all relevant electrical systems and fittings.

6. Energy consumption baseline calculations, baseline parameters and adjustments

Methodology followed in establishing the baseline including parameters and the criteria followed in adjusting it should be described. Provide all the baseline calculation sheets, parameters and the calculation procedure in an annex (attached as energy audits sheets per facility/base).

7. Data collection

List the various types of data collected and their sources. Include the data in the annex (as audit sheets).

8. System mapping

Describe the methodology followed for system mapping and include the maps in the annex, where applicable.

9. List of EE potential projects

This section should list of all identified measures with estimates of the savings and payback periods on investments.