

Easy

Deputy Executive Engineer (Electricity) 2026

Assistant Engineer (Electrical) Gujarat / Assistant Engineer (Electrical) Gujarat

11

11

A

B23

C1

D12Correct

Correct Answer: D

Full Detailed Explanation

Correct Answer: D - 1 and 2 only

Quick Concept Explanation

Net metering for rooftop solar lets a consumer use solar generation behind the meter first and export surplus to the grid, with import/export energy settled according to the applicable regulatory billing mechanism. It is not inherently limited to industrial and commercial consumers. Key relation: Net energy settlement compares grid import and eligible export over the billing/settlement period.

Exam focus:

Self-consumption happens before surplus export in the usual arrangement. Common trap: Do not equate net metering with only C&I open access.

Statement-wise Verification

Statement 1 - Correct. It is applicable to rooftop solar systems where generated power is first used for self-consumption.

Net metering for rooftop solar lets a consumer use solar generation behind the meter first and export surplus to the grid, with import/export energy settled according to the applicable regulatory billing mechanism.

Statement 2 - Correct. The surplus energy is fed back into the grid and credited in the next bill.

Net metering for rooftop solar lets a consumer use solar generation behind the meter first and export surplus to the grid, with import/export energy settled according to the applicable regulatory billing mechanism.

Statement 3 - Incorrect. It is only available for industrial and commercial consumers. The correct principle is: