BUYER READINESS WORKSHEET · 23 NOVEMBER 2026

Is your factory shed ready for rooftop solar?

> This is a pre-survey record for a plant owner or maintenance team. Mark each item as known, unknown or needing professional review; attach photos and drawings. It is not a structural certificate, electrical inspection, safety clearance or permission to work on the roof. Do not climb a fragile or unsafe roof to complete it.

Company / site
[ ]

Address / roof block
[ ]

Completed by and role
[ ]

Date and photo folder
[ ]

1. Documents and roof rights

Question	Known / unknown / review	Evidence or owner
Who owns the roof and can approve solar attachments?	[ ]	[ ]
Is the roof leased, shared, under warranty or due for replacement?	[ ]	[ ]
Are as-built structural drawings and past alteration records available?	[ ]	[ ]
Are roof repair, leak and corrosion records available?	[ ]	[ ]
Is there a safe access permit and roof-work procedure?	[ ]	[ ]

2. Visible roof condition — record, do not diagnose

Observation to record from safe access	Location / photo ID	Needs review?
Sagging, deflection, loose or damaged sheets	[ ]	[ ]
Corrosion at purlins, fasteners or sheet laps	[ ]	[ ]
Leaks, patches, ponding or stained ceiling areas	[ ]	[ ]
Skylights, fragile panels, vents, smoke outlets	[ ]	[ ]
Existing equipment, ducts, pipework or older solar	[ ]	[ ]

Stop-and-review trigger: If the roof is fragile, visibly deteriorated, leaking, or lacks safe access, keep people off it until the site safety and qualified structural teams define a method. A “yes” in this worksheet does not certify a roof.

3. Structure and mounting questions for the engineer

Required check	Input or evidence	Review owner
Roof span, slope, sheet profile and age	[ ]	[ ]
Purlin spacing, size, material and condition	[ ]	[ ]
Load path through rafters, columns and foundations	[ ]	[ ]
Existing equipment and maintenance loads	[ ]	[ ]
Solar dead load and wind actions at this site	[ ]	[ ]
Attachment concept: seam clamp, bracket or other	[ ]	[ ]
Waterproofing and galvanic/corrosion compatibility	[ ]	[ ]
Structural calculation and named sign-off deliverable	[ ]	[ ]

4. Layout, access and operations

Question	Evidence or drawing mark	Action owner
Where are safe access and rescue routes?	[ ]	[ ]
Which skylights, vents, smoke outlets and fire routes need clear space?	[ ]	[ ]
Where will cleaning and maintenance teams walk?	[ ]	[ ]
Where are shade and soot or chemical exposure?	[ ]	[ ]
Where can cables reach the electrical room without disrupting process work?	[ ]	[ ]
What are the approved electrical shutdown windows?	[ ]	[ ]

Attach one annotated roof plan: roof edges, north arrow, roof blocks, access, exclusions, proposed work zones and the photo IDs above. Do not draw module rows until the engineer and EPC review structure and required clearances.

5. Electrical and utility handoff

Document or decision	Available / missing	Owner
Last 12 electricity bills and tariff code	[ ]	[ ]
Current SLD, transformer and main board details	[ ]	[ ]
Daytime and low-load interval meter data	[ ]	[ ]
Proposed solar tie-in and meter concept	[ ]	[ ]
DISCOM feasibility and current metering route	[ ]	[ ]
Chief Electrical Inspector review when applicable	[ ]	[ ]

6. Decision record

Proceed to a supervised site survey when: roof access is safe, rights and drawings can be checked, structural and electrical reviewers are named, and missing facts are assigned to an owner. This is not approval to install. Record blockers below.

Blocker / question:

Owner / evidence needed:

Next review date:

Source starting points: US DOE roof-suitability guidance (general engineering context only); GERC renewable rules and CEA safety rules for the applicable Indian project. The worksheet supplies questions, not a site finding or binding code checklist.