

FROM THE DESK OF ER. ANKUR KAPLESH · CMD & FOUNDER

The 11-Point **Project Savings Checklist**

The mistakes that quietly cost industrial & commercial projects up to **27% of value** — and the checks our engineers run on every MEPF & Solar EPC job to deliver on budget and on time. Print it. Use it before you sign your next contractor.

EXECUTION DISCIPLINE — FIX DELAYS BEFORE THEY START

- 1 Lock coordinated MEP drawings before execution.** Clash-free layouts agreed up front — not chipped out of cast concrete later.
- 2 Plan procurement of long-lead items early.** So equipment arrives before it becomes the bottleneck.
- 3 Align civil + MEP before casting.** Sleeves, cut-outs and inserts fixed in advance.
- 4 Fix the testing & commissioning plan upfront.** Not improvised in the final week before handover.
- 5 Set clear billing milestones & cash-flow.** To avoid billing mismatches and stop-start execution.
- 6 Use one accountable MEPF partner, not five contractors.** One team, one responsibility — no coordination gap to fall through.

SOLAR ENGINEERING — DESIGN FOR 25-YEAR YIELD

- 7 Get the DC/AC ratio right.** Wrong sizing loses peak-hour production every single day.
- 8 Run a proper shadow analysis.** One shaded string can drag down an entire block's output.
- 9 Size cables correctly.** Undersized cabling bleeds energy as heat — hidden losses for years.
- 10 Choose the right inverter.** The cheapest one often means early failure and downtime.

OPERATIONS — PROTECT THE SAVINGS

- 11 Maintain HVAC filters, coils & ducts.** Neglect wastes up to 40% more energy every month.

27% Across 535+ projects, addressing these 11 points is how we have saved clients over **₹11.7 crore** and delivered **93% of projects early**.

Planning an industrial or commercial project?

Get a free, engineered review from our team — design, approvals & execution under one roof.

Based on the book *"11 Deadly Facts You Must Know to Save up to 27% of Your Project Value"* by Er. Ankur Kaplesh.

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