

7W ENERGIES

WORKPLACE ENERGY INFRASTRUCTURE

WORKPLACE CHARGING THESIS

The workplace is the missing layer.

Why AC destination charging is the right wedge into Indian commercial real estate, and why the next decade of urban energy depends on it.

PREPARED BY

7W Energy · Hyderabad, India

STATUS

Pre-seed · Pilot stage · v1.0

EV adoption is accelerating. Workplace charging is not.

India is adding electric vehicles faster than it is electrifying the buildings those vehicles park in. The kerb-side story is being told. The home-charging story is being told. The workplace story is essentially unwritten.

Less than 3% of Indian commercial campuses offer EV charging today. The buildings that have to host the next phase - Grade-A IT parks, BFSI campuses, premium residential - are owned by the most operationally serious counterparties in the country. They will not adopt this from an installer. They will adopt it from an infrastructure team.

DC is highway. AC is workplace.

6-10 hrs

DWELL WINDOW

~3x

LOWER CAPEX

~2.5 yr

PAYBACK

Best dwell window

AC: 6-10 hours. DC: 15-40 minutes. The economics flow from the dwell window.

Per-bay capex

AC is roughly 10x lower than DC, with minimal civil work and no transformer upgrade.

Solar pairing

AC charging naturally aligns with daytime rooftop solar generation.

Site density

5 to 10x more bays per transformer compared to DC fast-charging.

Utilization predictability

Workplace AC produces a bankable, sustained load curve.

Four curves are bending at the same time.

EV adoption

Past the awareness phase. Volume growth is now compounding, not speculating.

ESG mandates

BRSR, IGBC, and tenant ESG asks now include workplace charging on the FM checklist.

Employee demand

Workplace charging is a top-5 amenity ask from EV-driving employees.

Policy tailwind

Telangana EV policy provides clear incentives for workplace and commercial charging.

CONVICTION

Charging is the wedge. Workplace energy - solar, storage, load management, operations - is the long game. We are building the team that treats it that way.

ILLUSTRATIVE PROJECTIONS

All numbers in this document are modelled projections based on Indian commercial tariff structures, AC charger benchmarks, and rooftop solar yields. 7W Energy is pre-seed and at pilot stage. Site-specific outcomes vary and are re-modelled after every assessment.