

**Voltek Energy**

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# **Solar ATAP Quick Fit Snapshot**

Mega Plastics Industries Sdn Bhd

Shah Alam, Selangor (Seksyen 26)

Preliminary Solar Suitability Check

**CONFIDENTIAL**

February 2026

# Executive Snapshot

Preliminary assessment based on publicly available benchmarks and estimated load assumptions.

Recommended Size	280 kWp
Annual Savings Range	RM 108,181 – RM 126,381
Payback Range	4.5 – 5.3 years
Export Exposure	20%
Forfeiture Risk	Low (RM 1,400 – 2,700/yr)
ATAP Eligibility	PASS

This snapshot is based on publicly available benchmarks and estimated load assumptions. A detailed feasibility dossier is required for financial validation and system optimisation.

To proceed with a full feasibility dossier including roof analysis, layout concept, and SMP sensitivity modelling, request our detailed assessment.

# ATAP Eligibility Assessment

Based on GP/ST/No.60/2025 (Solar ATAP Guidelines effective January 2026).

Criteria	Status	Detail
Single-tenant premise	PASS	Single occupant — owner-operated factory
Maximum Demand < 1MW	PASS	Estimated MD: 350 kW (within cap)
Ownership / TNB consent	PASS	Owner-occupied (no landlord consent needed)
Operating hours	NOTE	Day-dominant (7am-6pm) — optimal self-consumption
Sector eligibility	PASS	Manufacturing — no ATAP sector exclusion

**VERDICT: ATAP ELIGIBLE — All hard gates passed. Proceed to system sizing.**

## Implementation Roadmap

Phase	Duration	Description
1. Site Survey	2–3 weeks	Physical roof inspection, structural load assessment, TNB meter verification.
2. Detailed Design	2–3 weeks	Panel layout, inverter sizing, cable routing, single-line diagram.
3. ATAP Application	4–8 weeks	Submit to TNB with CAS approval. Capacity subject to Government availability. First-come first-served.
4. Installation	6–8 weeks	Panel mounting, inverter installation, wiring for 280 kWp system.
5. Commissioning	1–2 weeks	TNB inspection, meter installation, COD issuance.

**Estimated total timeline: 4–6 months from survey to commissioning.**

DISCLAIMER: This report is based on estimated data and publicly available benchmarks. Actual system sizing, generation, and financial returns depend on site-specific conditions confirmed during physical survey. TNB tariff uses a blended effective rate; actual bill structure varies by consumption pattern. SMP export rates are conservative estimates — actual rates published monthly by Single Buyer ([www.singlebuyer.com.my](http://www.singlebuyer.com.my)). Solar irradiance data sourced from PVGIS/SolarGIS; actual yield may vary. CAPEX range reflects market variation and does not constitute a quotation. This report does not constitute financial advice. All figures should be validated by the installing EPC contractor.