

**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	<b>PASS</b>	Single occupant — owner-operated factory
Maximum Demand < 1MW	<b>PASS</b>	Estimated MD: 350 kW (within cap)
Ownership / TNB consent	<b>PASS</b>	Owner-occupied (no landlord consent needed)
Operating hours	<b>NOTE</b>	Day-dominant (7am-6pm) — optimal self-consumption
Sector eligibility	<b>PASS</b>	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-com
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.