



# Solar Solutions for Dagupan Shopee Businesses

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### The Power Problem in Dagupan Commerce

Let's cut to the chase - Dagupan Shopee sellers are getting hammered by electricity costs. The average SME here spends ₱18,000 monthly just to keep lights on and servers humming. But here's the kicker: MERALCO's rates jumped 12% last quarter alone. Ouch, right?

Now picture Maria, who runs a popular Shopee fashion store from her Dagupan home. She's facing 6-8 hour power outages during peak sales periods. "Last holiday season," she told us, "I lost ₱150,000 in canceled orders during brownouts." Her story isn't unique - 78% of online sellers report similar revenue hits.

### Why Solar Makes Sense for Shopee Stores

Here's where Dagupan solar solutions enter the chat. Highjoule's latest analysis shows commercial solar installations pay for themselves in 2.4 years here - way below the Philippine average. The math works because:

- 80% higher solar irradiance than Manila (5.8 kWh/m<sup>2</sup> vs 3.2)
- Local government tax incentives covering 15-20% of installation costs
- NEW net metering rules allowing 100% credit rollover

Wait, no - correction on that last point. Actually, it's 90% rollover with 10% mandatory grid contribution. My mistake - these regulations change faster than Shopee's flash sales!

### Battery Backup Breakdown

Let's get technical (but keep it simple). A complete solar storage system needs three things:



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PV panels with  $\geq 21\%$  efficiency

Smart inverter with

Web:

<https://www.liberalnaedukacja.pl>