

# SUN OF THE AMAZON

## SUSTAINABLE SOLAR POWER PLANTS IN ANTHROPIZED AREAS OF AMAZONAS

### 01 BRIEF DESCRIPTION OF THE PROJECT

Imagine taking the clean energy revolution to the heart of the Amazon, transforming the reality of isolated municipalities. Our project proposes the **installation of 13 3MW photovoltaic plants, each with a storage capacity of 20%, in cities with up to 50,000 inhabitants that still rely on the old, expensive and polluting diesel fuel to generate electricity.** By using already degraded areas, we avoid any impact on the native forest. We're talking about replacing diesel with solar energy, which is pure and abundant in the Amazon, guaranteeing access to clean energy for people who, until now, have lived at the mercy of a highly polluting source.

### 02 JUSTIFICATION AND OPPORTUNITY

The Amazon sun is our gold! Photovoltaic solar energy is not just an alternative; it is the key to modernizing the region's energy matrix, cutting dependence on fossil fuels and relieving public coffers. And the secret? Use areas that have already been anthropized, protecting the majestic native forest - 96% of which is still untouched. **This is the opportunity of the decade** to lead the energy transition in Brazil's largest state, with an impact that resonates globally. Be part of this green revolution!

### 03 INVESTMENT NEEDED

We offer the opportunity to invest around US\$93 million to build 13 solar photovoltaic plants, including CAPEX and OPEX in the value of the operation.

TOTAL CAPEX (US\$)		
Component	Unit Cost	Total Cost
Solar System (3 MWp)	1.1 million/MWp	14.300.000
Batteries (7,941 kWh)	360/kWh	37.163.880
Hybrid System + O&M	20% of CAPEX	10.292.776
TOTAL CAPEX		US\$ 61,756,656

OPEX EXPENSES (US\$/YEAR)	
Item	Annual cost
Maintenance (1.5% CAPEX)	110.858
Operation	36.000
TOTAL OPEX	US\$ 146,858

### 04 EXPECTED RETURN

#### Annual net flow

US\$ 1.537.650 - US\$ 146.858 = **US\$ 1.390.792.**

#### Simple Payback

US\$ 7,390,512 ÷ US\$ 1,390,792 ≈ **5.31 Years.**

#### Annual rate of return

≈ **18.2% p.a.**

#### Net Present Value

≈ **US\$ 6,254,731**

The total return will be up to **5 years**. It's not just an investment, it's a money-making machine that also does good!

### 05 SOCIAL AND ENVIRONMENTAL IMPACT

Your investment won't just bring financial returns; it will transform lives and the planet. Visualize reducing the cost of power generation, giving thousands of people access to renewable energy and providing reliable power for essential public services. We're talking about impacting more than 600,000 people directly benefiting from each unit, including new businesses.

On the environmental side, this project is a giant: we will reduce 52,000 tons of CO2 in the atmosphere every year, the equivalent of 3 million trees not being cut down every year, equivalent to 26,000 hectares of preserved forest.

This project is fully aligned with SDGs 3 (health and well-being), 7 (clean and affordable energy), 8 (decent work and economic growth), 11 (sustainable cities and communities), 10 (reducing inequalities), 13 (global action against climate change) and 17 (partnerships and means of implementation).

A green and profitable legacy!

### CONTACTS

More information about this and other projects:

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