



# **Exclusive Investment Opportunity in Sri Lanka's Renewable Energy Sector**

**5 MW Solar Power Plant**

# Overview of Power Generation in Sri Lanka

- Sri Lanka is shifting from hydropower, coal, and oil to renewable energy.
- Currently, approximately 50% of the energy mix is renewable, including hydropower, solar, and wind.
- While hydropower has been significant, its capacity is depleting.
- The country aims for energy self-sufficiency and sustainability by expanding solar and wind power and reducing fossil fuel reliance.
- Solar power plants are crucial for achieving the Ceylon Electricity Board's (CEB) goal of 70% renewable energy by 2030.
- In 2023, Sri Lanka generated 15,673 GWh of electricity from both renewable and non-renewable sources.





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# Project Overview

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Location: 15 Acres Land - Maho, Kurunegala District, Sri Lanka (land secured)

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Type: Ground Mounted Solar Power Project

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Capacity: 5 MW (AC) / 5.5 MWp (DC)

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Promoter: Company with experience in renewable energy (hydropower & solar)

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Project Cost: LKR 900 million (USD 3 million)

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Capital Structure: 70% Debt / 30% Equity

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Off-taker: Ceylon Electricity Board (20-year PPA secured)

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Expected Tariff: LKR 19.27 per kWh (USD 0.064) Revised Government tariff guidance

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Average Generation: 8.74 million kWh per annum

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# Investment Highlights

## Experienced Promoter and Management:

- Strong track record in renewable energy projects.

## Shovel-Ready Project:

- Energy Permit received from Sri Lanka Sustainable Energy Authority on 03 October 2024
- 15 acres of freehold land secured and ready for EPC mobilization
- All key approvals including EIA clearance obtained

## Construction completion within 4 months post-PPA.

## Attractive Financial Returns:

- Revised Government tariff guidance: LKR 19.27/kWh for new solar projects (subject to Cabinet Approval )
- Payback Period: ~5.5 years.
- Equity IRR: 21.17%.
- Project IRR: 17.24%.

# Investment Highlights

## Government-Backed Off-taker

- Reliable 20-Year PPA with CEB: Secures stable and predictable revenue streams
- Indexed Tariff Rate: Protection against inflation and currency depreciation
- Strong Governmental Support: Backing from Sri Lanka's state-owned electricity utility

## Strategic Location: Maho, Kurunegala District:

- Optimal solar irradiance
- Proximity to key infrastructure
- Efficient energy generation and grid integration

# Investment Opportunity

Project Cost Description	Estimate LKR (Million)	Estimate USD (Million)
Preliminary expenses (bid/ project approval/ env. studies/ land acquisition/ development work and PPA)	150	0.5
EPC and TL infrastructure	750	2.5
Total Cost (5 MW)	900	3.0

## Contact:

For detailed information, investment terms, or to schedule a meeting, please contact:

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## Equity Investment:

- A. LKR 900 million (USD 3.0 million) for a 90% equity stake in the full project
- B. Leverage Option: If the investor opts to leverage the project:
  - Equity Requirement: LKR 375 million (USD 1.25 million)
  - Debt Financing: LKR 525 million (USD 1.75 million)

## Alternative Investment Option:

- LKR 110 million (USD 367,000) for the project excluding EPC and management scope