

REA/NEP-PBG Mini-Grids – ASHDAM Solar Sites



Sector:

Off-Grid Energy / Rural Electrification



Location:

Multiple Sites in Oyo State



Status:

Three new mini-grids totaling 156.9 kWp and 790 connections announced under the NEP-PBG scheme

1. Project Snapshot

Under the Rural Electrification Agency (REA) and Nigeria Electrification Project – Performance-Based Grant (NEP-PBG) program, ASHDAM Solar has been awarded mini-grid sites to deliver clean, off-grid electricity to rural communities across Oyo State, expanding energy access to households, businesses, and public institutions.

2. Current Risks / Concerns

1

Community Engagement

Affordability, billing models, and local employment expectations

2

EPC & Installation Quality

Solar PV, battery storage, and wiring standards compliance

3

Operations & Maintenance

Spare parts, technical training for local operators, tariff recovery

4

Environmental Management

Battery disposal and recycling risks

5

Performance Monitoring

Service reliability, uptime, and capacity utilization

3. PHC Service Offer

7-Day Review
Quick-start risk analysis for first batch of mini-grid installations

Open Concerns Dashboard
Real-time visibility for REA, contractors, and communities

Early Finish Incentives
Verified savings fund school electrification & rural health centers

Performance Governance
Continuous monitoring of service quality, uptime, and community satisfaction

4. Commercial + Humanitarian Flow

Commercial Fees
Full-rate PHC Service applied to REA, ASHDAM Solar & EPC contractors

10% Humanitarian Carve-Out
Funds TTGD EcoSociety schools & rural solar home systems

5. Next Steps

