



First Solar Energy Plc

Head Office Addis Ababa, Ethiopia
Bole Subcity Woreda 03 House No.295
Office No.501/B

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Where Quality COMES FIRST!

CAPABILITIES STATEMENT

First Solar Energy Plc (with its US Parent Company: All-Africa Solar Energy LLC, Virginia) is
The Trusted Solar Partner for International Missions & Financial Leaders

1. Executive Summary

First Solar Energy Plc and its parent company **All-Africa Solar Energy LLC** (Virginia, USA) is the premier provider of resilient, high-uptime solar energy solutions for the diplomatic community and leading financial institutions in Ethiopia and Horn of Africa. Specializing in a fully managed **Energy-as-a-Service (EaaS)** model, we eliminate the burden of capital expenditure (CAPEX) and technical maintenance for our clients. We deliver "Diplomacy-Grade" power security, ensuring critical embassy and banking infrastructure remains online regardless of local grid instability.

2. Core Competencies: The EaaS Advantage

Our Energy-as-a-Service (EaaS) subscription model is designed to mitigate financial and operational risk:

- **Zero Upfront Cost:** We finance and install the complete solar and battery storage architecture, removing all initial capital hurdles.
- **Predictable Monthly OPEX:** Clients pay a fixed monthly subscription based on guaranteed energy performance. This protects missions from volatile local utility and diesel costs, which can fluctuate wildly from month to month.
- **O&M and Performance Guarantee:** We provide comprehensive, turnkey Operations and Maintenance (O&M) for the lifetime of the contract.
- **Real-Time Transparency:** Energy production, diesel savings, and system health are trackable 24/7 via our Online Mission Control mobile interface.

3. Proven Past Performance

We maintain a flawless track record of long-term partnerships with the world's most demanding international organizations and local enterprises.



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Client / Partner	Location	System Architecture	Years of Service	Key Operational Outcome
U.S. Embassy	Horn of Africa	PV + Hybrid	12 Years	Uptime > 99% and significant Cost Savings (Diesel 90% Down)
Awash Bank	Ethiopia	Hybrid PV+ Batteries	2 Years	Branch Solar integration and Diesel Reduction (Zero Diesel)
UK Embassy	ASM	PV + Hybrid	10 Years	Uptime > 99% and significant Cost Savings (Diesel 90% Down)
Siinqee Bank	Ethiopia	Hybrid PV + Batteries	1 Year	Branch Solar integration yielding Cost Savings - Zero Diesel
EU Delegation	ASM	O&M+INV	3 Years	Sustainable, High Uptime operations
FAO / UN	ASM	PV+Hybrid	2 Years	Reliable Remote O&M across Three sites; ConstantO&M

4. Technical & Operational Excellence

Our engineering and maintenance protocols meet the highest international standards, ensuring secure and uninterrupted power for critical servers and security perimeters:

- **International Certification:** In our engineering team we have **NABCEP Certified** (North American Board of Certified Energy Practitioners), guaranteeing globally recognized safety and installation standards. (Trained in Colorado, USA and Kassel Germany.)
- **Encrypted Remote Monitoring:** We utilize secure, 24/7 remote monitoring to preemptively identify and resolve technical anomalies before they impact client operations.
- **Vetted Technicians:** All on-site staff undergo rigorous security vetting for safe deployment on sovereign embassy grounds and secure banking facilities.



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5. ESG Compliance & Bankable Finance

We empower missions and corporations to meet their headquarters' sustainability mandates seamlessly:

- **ESG Compliant:** Our systems directly support Environmental, Social, and Governance (ESG) reporting requirements.
- **Carbon Credit Revenue:** We are the process of structuring our projects to qualify for verifiable carbon credits, turning sustainability into a measurable financial asset.
- **Structured Financing:** We utilize specialized financial models tailored specifically for the diplomatic and international banking sectors.

Company Data & Contact Information

- **Entity Name:** First Solar Energy Plc and its parent company: AllAfricaSolarEnergy LLC.
- **Service Areas:** Addis Ababa (Ethiopia), and Horn of Africa, and regional hubs.
- **Core Offerings:** Energy-as-a-Service (EaaS), Turnkey O&M Solutions, Hybrid PV + Battery Systems.
- **Certifications:** NABCEP, ESG Compliant.
- SAM Registration (CAGE: 862N21 | SAM Registered) and EU Registered.

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Available 24/7