



High-Capacity Electrical Wiring Network – Syria

The Opportunity

Syria's aging electrical grid is unable to support modern energy loads or integrate new renewable power sources. This project involves the development and deployment of a high-capacity, smart electrical wiring and transmission network capable of handling up to 1,000 megawatts of load, enabling national electrification and industrial expansion.

Market Demand

- Peak national demand exceeds 3,000 MW; current capacity is under 40% of that
- New solar and gas plants need compatible transmission infrastructure
- Critical for re-powering hospitals, schools, factories, and homes
- Regional potential for cross-border energy trade (Iraq, Lebanon)

Investment Snapshot

- Capital Requirement: \$30–50 million
- Network Load: 1,000 MW, scalable
- Key Assets: Substations, smart meters, transformer upgrades
- Breakeven: Year 6, with long-term infrastructure revenues

Competitive Advantage

- Aligns with national grid modernization plans
- Enables integration of renewables and IPP energy
- Modular rollout: urban, industrial, and rural tracks
- Opportunity for donor financing and PPP structuring

Strategic Impact

- Boosts economic recovery through reliable electricity
- Reduces losses, theft, and inefficiencies
- Supports health, education, and manufacturing reactivation