

# The Kingdom of Saudi Arabia funded Electrical Network in Azraq Camp - Jordan

Through the generous support of the Saudi Fund for Development (SFD), UNHCR will connect all shelters, plot lighting, markets and various public spaces in Azraq camp to the electrical grid.

Implemented over two concurrent phases this network covers the medium voltage (implemented by EDCO) and low voltage lines (implemented by a local contractor, EDWAN) and internal shelter wiring (inspected by trained refugees).

## Phase 1 | Electricity Network V3 & V6 Completed in March 2017



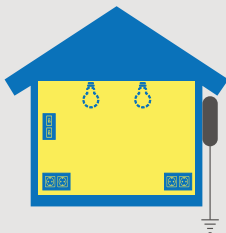
**13** transformers installed with capacities from 250 to 630 KVA



**502** LED street lights inside plots and market areas

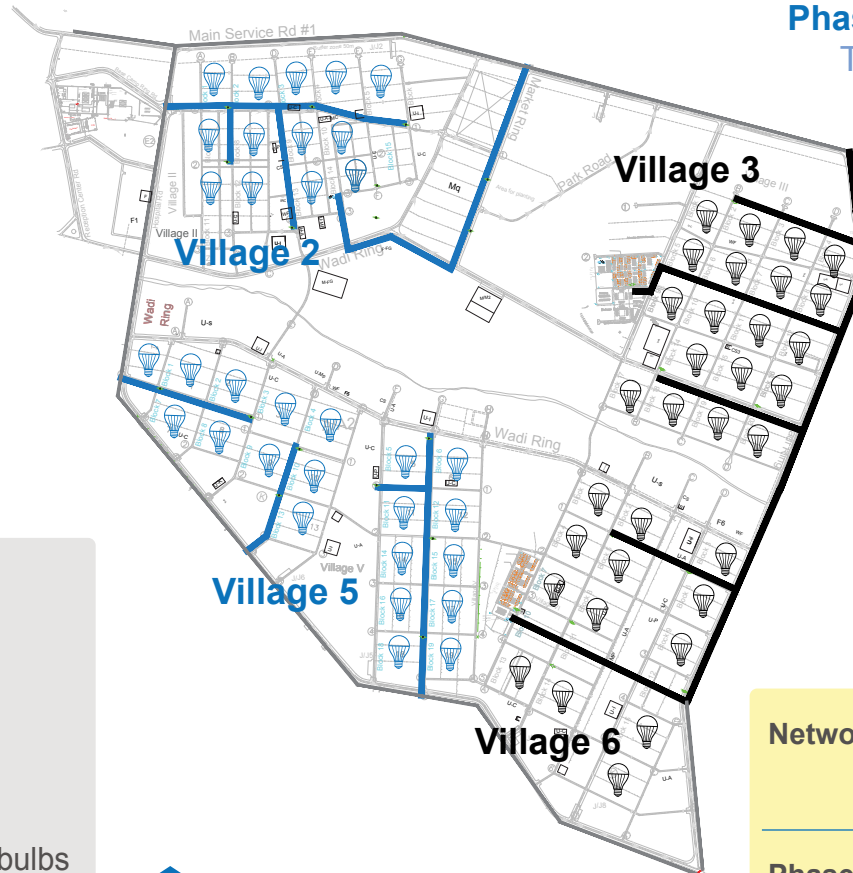


**4,903** shelters connected to the grid



Each shelter is connected with:

- 2 x 13 amp double-power sockets
- 2 x LED bulbs
- 2 x gang light switch
- 1 x Main consumer unit
- Residual Current + Earth Leakage breakers



Capacity to connect overall **10,479** shelters to the grid

## Phase 2 | Electrical Network V2 & V5 To be completed in December 2018



**14,000** meters of medium voltage cables installed across the camp



**17** transformers installed with capacities from 400 to 630 KVA



**1,025** LED street lights inside plots and market areas



Capacity to connect **5,576** additional shelters to the grid

### Network Facts: Cables & Wires Installed

	Aerial Cables	Internal Cabling
Phase 1	119,077 meters	342,440 meters
Phase 2	186,763 meters	391,020 meters