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

**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

<table>
<thead>
<tr>
<th></th>
<th>Aerial Cables</th>
<th>Internal Cabling</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phase 1</td>
<td>119,077 meters</td>
<td>342,440 meters</td>
</tr>
<tr>
<td>Phase 2</td>
<td>186,763 meters</td>
<td>391,020 meters</td>
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</tbody>
</table>