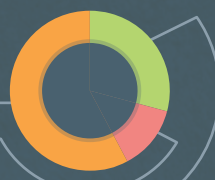


# IN GAZA, WHEN LIGHTS GO OFF

## TAPS RUN DRY AND SEWAGE FLOODS OVER

Gaza is supplied electricity (207 MW) by

58%  
13%  
29%



- Israel
- Egypt
- Gaza Power Plant

The Gaza Power Plant runs at **HALF CAPACITY** due to the impact of the blockade on the availability of fuel (also affected by internal issues) and unrepaired war damages

54% of the estimated electricity demand and 30% of the WASH electricity demand are not met

Power outages are up to **12-16 HOURS** per day

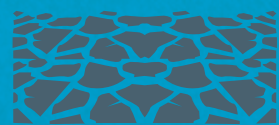
30% of fuel to run essential water and sanitation facilities is currently being secured by **INTERNATIONAL DONORS**

14% of the available electricity (29 MW) would be needed to operate water and wastewater facilities. Almost 3 times as much will be needed in 5 years

## Impact on the WASH sector



40% of the Gaza Strip population receive water supply for **5-8 HOURS ONCE EVERY THREE DAYS**



70% of agricultural wells run by electricity cannot be used, putting **69%** of the planted lands at risk



Sewage cannot be fully treated. Up to **95 million liters** of partially treated or raw sewage are discharged into the Mediterranean Sea every day



Without reliable water access, 60% of Gaza's population relies on private, uncontrolled water suppliers, with lower hygiene standards, which poses severe **HEALTH RISKS**



Availability of drinking water is also strongly affected as **DESALINATION PLANTS** - its main source - need electricity to run

Wastewater pumps cannot be operated. Sewage overflows, infiltrating and further polluting the underground water. **96%** of the water from the aquifer in Gaza is unfit for human consumption. All this poses severe environmental and health risks