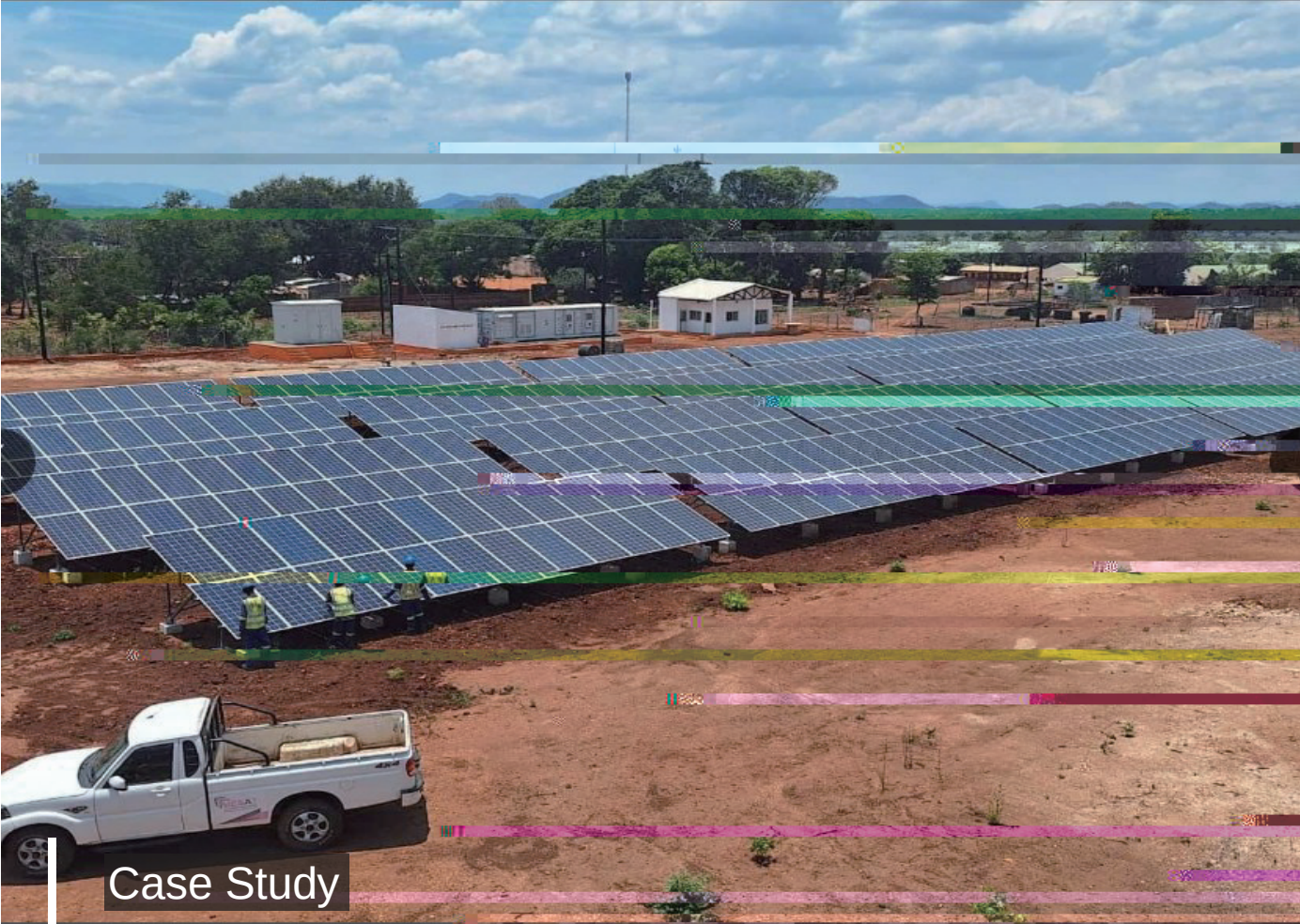




Case Study

250kW/945kWh

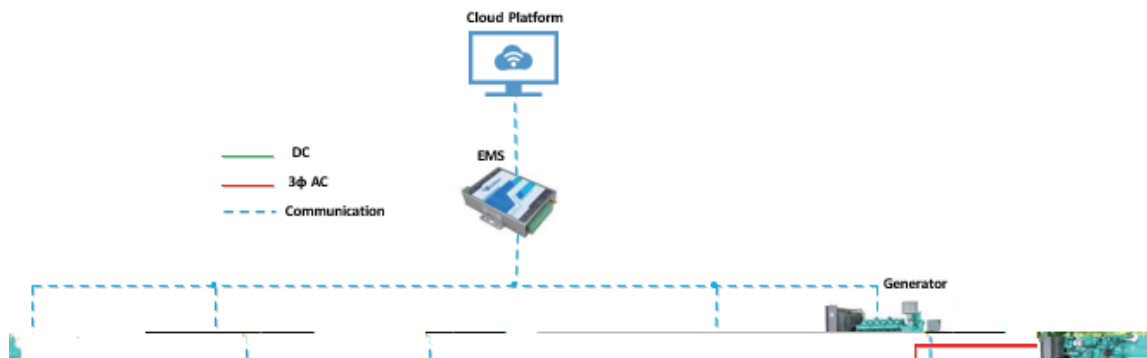
—

1%

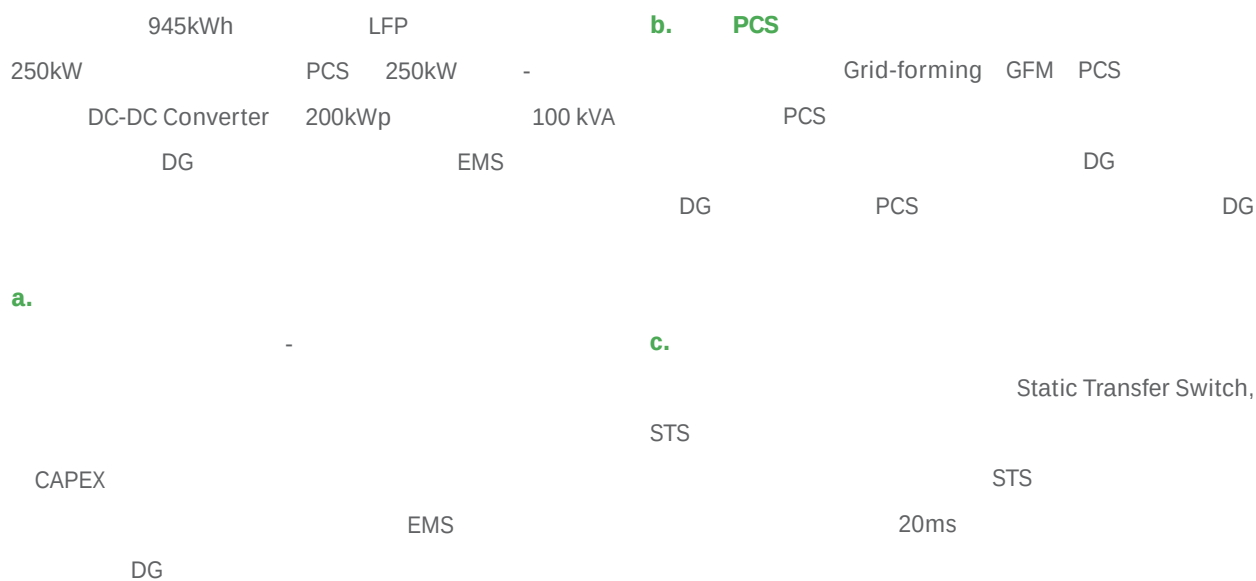
31.1%

PV

ESS



1



2

The diagram is a line chart titled "Energy storage active power comparison diagram" with a date of "2024-03-18". The y-axis represents power in kW, ranging from -100kW to 200kW. The x-axis represents time from 00:02 to 23:58. The chart displays four data series: PV output power (light blue area), Battery output power (purple area), Grid input power (dark blue area), and Load power (green area). The PV output power is zero until approximately 05:30, then rises to a peak of about 150kW around 11:00, and gradually declines. The Battery output power is zero until approximately 04:30, then drops to a minimum of about -80kW around 11:00, and gradually returns to zero. The Grid input power is zero until approximately 04:30, then rises to a peak of about 100kW around 11:00, and gradually declines. The Load power is constant at approximately 50kW throughout the day.

I.

a.

DC + PV-ESS

c.

DC

+

b.

DC

DC/AC

DC

+

PV-ESS

DC/DC

I.

a.

DC

DC/DC

b.

*



1466 1

+86 400 860 8878

Case Study