



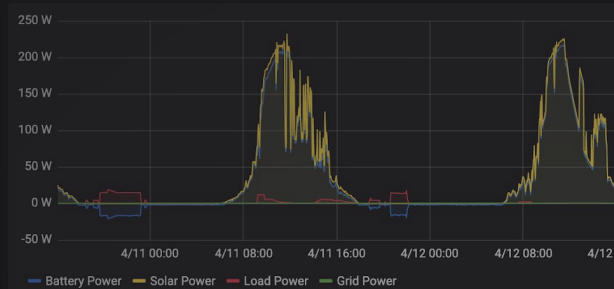
Tools and technology to
bring energy access to the
800 million people off grid



Harvest > Harvest Dash (Pineapple) -

> Status (3 panels)

> Power Summary



> Battery (1 panel)

> State of Charge



> Solar Panel



Okra Smart Grids



The easiest way to energise off-grid communities

\$300 Billion market for bringing energy to the 800 million people offgrid is **untapped**

Microgrids: the current solution is expensive

1

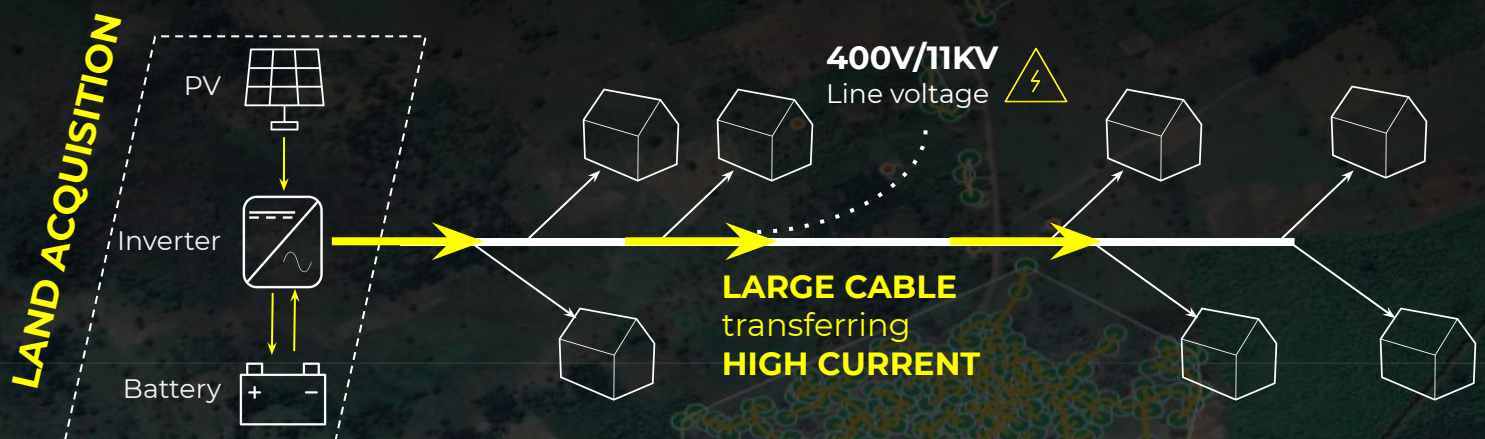
High planning, design, transmission and distribution costs

2

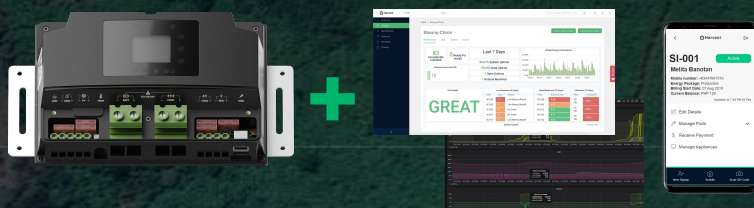
Remote areas lead to expensive **site visits and maintenance**

3

Offgrid communities are poor and **revenues are limited**



Okra: enables utilities to profitably energize offgrid communities



Okra Pod
IoT Hardware

Okra Harvest
Software as a Service

Plug & Play Mesh-grids

-35%

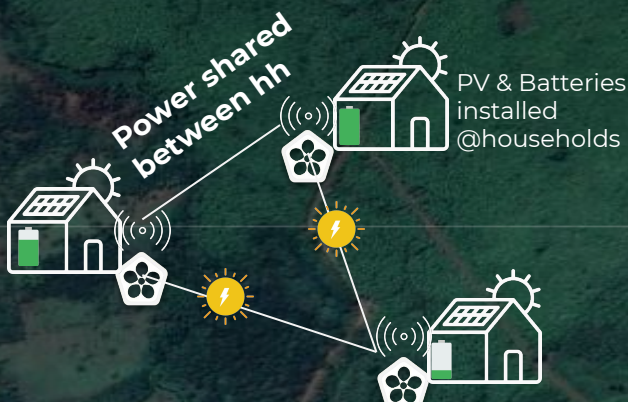
IoT based mesh-networks reduce cost of transmission & distribution - **capex cost reduced by 35%.**

-33%

Mobile payments and remote monitoring run autonomously, reducing opex by 1/3.

x2

End-user revenues increased based on AI driven **credit analysis and appliance financing**



Traction & Target Users

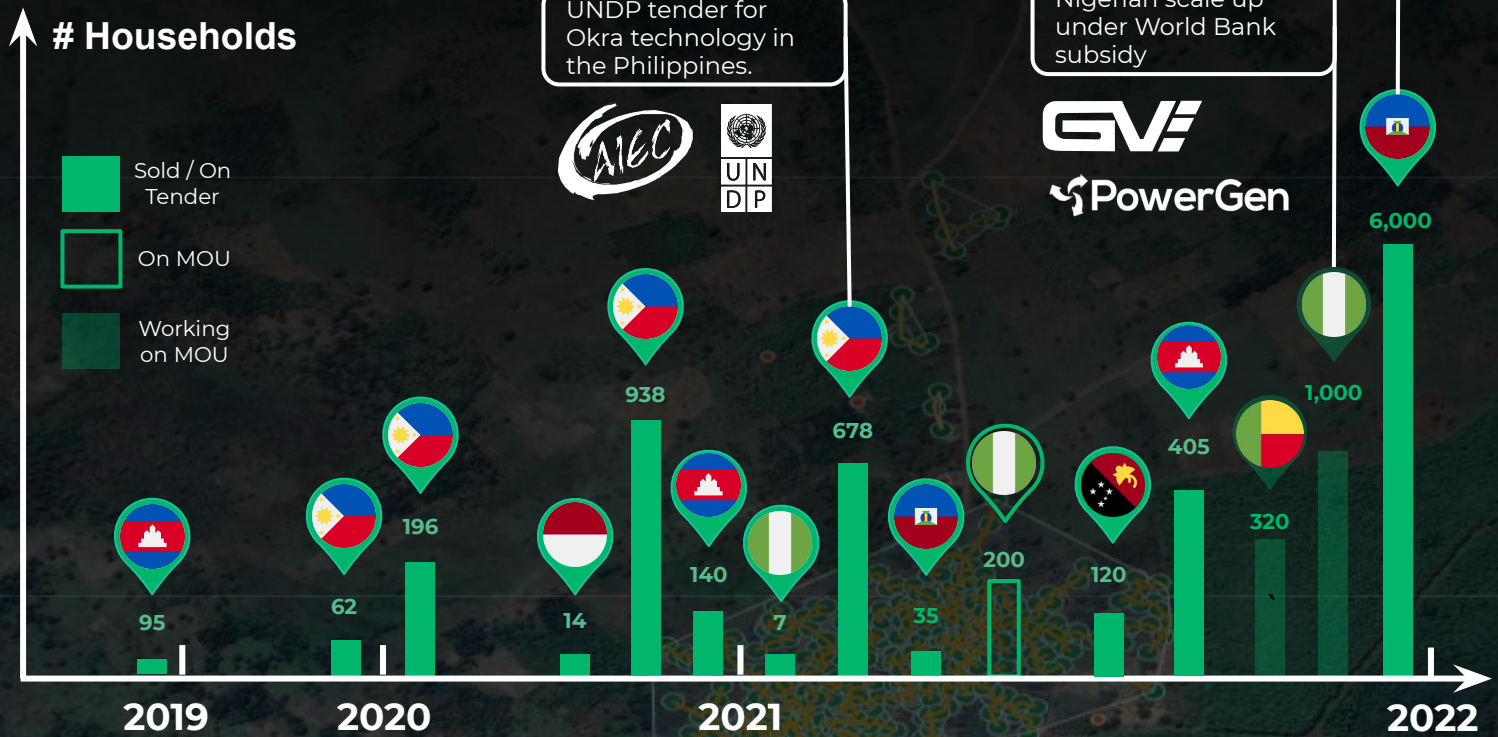


331%

Current Annual Growth Rate

204%

Forecast Annual 5 Year Growth Rate



Target users

NIGERIA
18 Million off-grid Households

\$12 Billion USD a year is spent on self-generated power

PHILIPPINES
1.8 Million off-grid Households

Households are paying up to \$2 / kWh for 4 unreliable hours of power per day.

HAITI
1.5 Million off-grid HHs

WORLDWIDE
160 Million off-grid HHs



113 Million won't be reached by the grid

These communities are **already** paying for power

Get in touch

\$6.5M being raised

We are raising \$6.5 million dollars to bring electricity to 1.1 million households in the next 5 years. If you're interested coming on this journey with us, please contact Afnan Hannan afnan@okrasolar.com