



INTERNATIONAL  
**Microgrid**  
SYMPOSIUMS



# SARES

## Sarawak Alternative Rural Electrification Scheme

**Christopher Wesley Ajan**

Sarawak Energy Berhad

[Christopher.ajan@sarawakenergy.com](mailto:Christopher.ajan@sarawakenergy.com)

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# About Us

Vertically integrated energy development company and power utility and Malaysia's largest renewable energy developer

Power generation, transmission, distribution, retail and export



Manpower  $\approx$  5,400



Account Holders

**750,000** in 2021  
Population of Sarawak  $\approx$  3 million  
(55% urban & 45% rural)



Established in 1921, a century of operations  
Wholly owned by Sarawak Government



# SARES

## Community Solar Schemes



Villages in remote locations

SARES for short - medium term solution

Low-income households

No charge/bill for electricity

Simple design and ease of O&M

Technical support and training

# Outcomes

- **549** Villages, 15,000 families have access to basic electricity.
- Social & economical improvement.
  - Children able to study comfortably at night.
  - Increase in productive works.
  - Access to internet and satellite TV.
  - Increase usage of electrical appliances.
- Environment:
  - Renewable Energy as electricity source.
  - Less dependance on fossil fuel for electricity.
- Safety:
  - New wiring reduce electrical hazards.
  - Proper lighting provide safe environment and comfort for community.





sarawak energy

Thank you