



Microgrids for climate adaptation in rural communities

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The Global South





Philippines

Microgrids play an important role in increasing a rural community's adaptive and resilience capacity especially during and after extreme weather events when the power lines are down but communication lines must stay open to coordinate for help.



20

Average number of typhoons annually

3.16M

Filipinos with no electricity when Typhoon Odette hit in 2021

33

Transmission lines were affected when Typhoon Odette hit in 2021



Climate Resilient Cities



City halls, command centers, evacuation centers, health centers and hospitals, water filtration systems, and food storage facilities have been identified as critical facilities by communities that require priority reconnection of power in times of power outage. Microgrids will lessen the dependency of critical facilities to the main utility lines that are often affected by natural hazards.