



Papua New Guinea off-grid electrification program

General information and
expression of interest form





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This publication is available on our website:
parawimkomuniti.org.pg

Please send enquiries to:
info@parawimkomuniti.org.pg

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About

Pawarim Komuniti Partnerships

Pawarim Komuniti Partnerships delivers off-grid energy projects for rural and remote communities throughout Papua New Guinea.

It works across some of the most remote and hard to reach parts of the country to provide clean, accessible and renewable energy to communities, schools and small businesses.

Pawarim Komuniti Partnerships is Australia's latest approach to help Papua New Guinea meet its electricity targets.

Key objectives

Australia's off-grid support in Papua New Guinea is driven by the philosophy of 'clean energy, brighter future' to:

- deliver access to clean energy services that have a positive development impact on people in rural and remote communities
- deliver sustainable off-grid energy projects that are locally owned and led
- provide affordable, quality and clean energy solutions, with minimum environmental impact
- enable equitable and inclusive access to clean energy through mainstreaming gender, disability and social inclusion (GEDSI) in project design and implementation
- innovate and pilot new delivery models for solar technologies in Papua New Guinea.

Our results

Projects completed and in progress under Pawarim Komuniti Partnerships to date are delivering:



55,000
solar systems for homes
and community facilities



1500+
solar streetlights



Training for
1400+
solar champions



Projects across
7 provinces

What is off-grid electrification?

Off-grid electrification refers to standalone power systems that provide rural households, businesses, public or community service facilities with clean energy services.

Off-grid electrification is fast becoming the preferred means to connect people to electricity in countries like Papua New Guinea where communities are isolated, and the cost of grid connectivity is high.

Research in the energy sector highlights that for much of PNG's population, off grid, decentralised solutions will play a significant role in enabling access to energy in rural areas, and may well remain the most appropriate option for the near and medium term.

80% of PNG's population lives in remote towns and communities with limited access to vital services. Increasing access to energy services will:

- help improve living standards
- allow government and civil society to deliver improved education and health services at the community level
- strengthen community members' access to affordable, nutritious food
- foster economic growth in the private sector, especially through enhancing income generation opportunities for small to medium enterprises
- improve safety and security through street lighting.

PNG Power exclusivity zone

PNG Power Ltd owns and operates three major electricity grids (Port Moresby, Ramu and Gazelle) and has mini grids in most provincial centres.

PNG Power has exclusivity to a 10-kilometre radius around its existing grid infrastructure. This means that off-grid technologies cannot be established within the 10-kilometre exclusivity zone.

Under Pawarim Komuniti Partnerships, off grid refers to systems generating power anywhere outside the current PNG Power exclusivity zone and areas clearly demarcated for grid extension. The systems will be for self-consumption only and will not on-sell power to consumers.

PNG off-grid regulations

The Government of Papua New Guinea is finalising the off-grid regulation for small power systems. Compliance with PNG's regulatory requirements will need to be addressed at the full proposal stage.

Funding

Funding for off-grid electrification projects

Funding is available for off-grid electrification projects valued at PGK500,000 or more that can be delivered in 8 to 12 months.

Partner contributions of at least 10% of the project value are highly encouraged.

Pawarim Komuniti Partnerships is delivered under the Australian Government's Economic and Social Infrastructure Program (ESIP), which is managed by DT Global.

Project funding availability

Funding will support off-grid energy projects to deliver clean energy services to remote communities in PNG.

Applicants are required to demonstrate how their project will contribute to one or more of the following sustainable development outcomes through improving access to clean energy:

- improve access to education, health and/or essential public services
- enhance people's livelihoods
- strengthen food security
- boost economic opportunities for community members
- support conservation initiatives (e.g. cultural, biodiversity, environmental).

Types of projects that are eligible for funding include:

- off-grid solar home systems/solar community systems and solar light distribution projects
- productive uses of energy projects, providing micro, small and medium enterprises with electricity, heat and mechanical power to enhance income generation and provide essential services
- establishing standalone solar power systems to provide energy services to multiple users
- projects combining the above-listed options.

All projects are expected to meet minimum technical standards and comply with all legal and regulatory requirements.

Applicant funding eligibility

1. Applicants must be registered with the PNG Investment Promotion Authority (IPA) or provide evidence of registration in their country of nationality.
2. Applicants must hold audited financial statements for the last 3 consecutive years, audited by an independent audit firm. If audited financial statements are not available, the financial statements must be certified by the organisation's authorised officer.
3. If applying as a consortium or a joint venture, each member must provide items 1 and 2 above plus a copy of a duly executed Consortium Agreement or Joint Venture Agreement or a Letter of Intent to form a consortium or a joint venture.
4. Applicants must hold a valid Tax Identification Number (TIN) or equivalent.
5. Applicants must provide a valid Certificate of Compliance issued by the PNG Internal Revenue Commission or equivalent.
6. If the project is proposing to include a standalone power system, applicants must provide proof of ownership such as a certified land title, a long-term lease or a Land Use Agreement for the land and any buildings on which the system will be installed.

PNG government entities are not eligible to apply. However, an applicant may partner with a government entity as part of its proposed approach to implementing a project.

Should the applicants be shortlisted for grant funding, a detailed due diligence assessment will be conducted prior to finalising the funding agreement.

How do Pawarim Komuniti Partnerships projects work?

Use the expression of interest form to propose a project concept that uses one or more of the following technologies:

- solar home systems (15 watt)
- solar community systems (30 watt)
- solar streetlights (35 watt)*
- standalone solar powered systems with battery backup (5 kW or 10 kW).

**Projects using solar streetlights must include at least one other form of solar technology.*

Projects will generally request at least PKG500,000 in funding support, and must be delivered in 8 to 12 months.

A partner contribution of at least 10% is highly encouraged for all projects.

Each successful project will be jointly delivered by the successful applicant, the solar product suppliers and installers and the Australian Government's Economic and Social Infrastructure Program.

A Pawarim Komuniti Partnerships Agreement will be signed by all parties involved in delivering the project before project implementation begins.

See the website for further information about project funding processes and arrangements.

www.pawarimkomuniti.org.pg

Gender equity, disability and social inclusion and safeguards

Pawarim Komuniti Partnerships aims to consider and integrate gender equity, disability and social inclusion (GEDSI) and safeguards into all aspects of delivering projects. It aims for these measures to be sustained in the long term.

Monitoring, evaluation and learning

Monitoring, evaluation and learning expectations will be built into all successful project agreements.

Monitoring, evaluation and learning sets out principles and the approach used to monitor and evaluate the project with an aim to:

- demonstrate accountability by ensuring projects achieve their planned results
- learn about and improve program operations
- generate knowledge to inform future renewable off-grid programming in PNG.

Process

Application process

- 1**
Submit an expression of interest
Expressions of interest will be screened and assessed by Pawarim Komuniti Partnerships.
- 2**
Full proposal
Successful applicants will be provided with feedback from Pawarim Komuniti Partnerships to incorporate into the full proposal.

Following full proposal submission, applicants will be notified if their expression of interest will proceed to the next step.
- 3a**
Due diligence assessment
Successful applicants from Step 2 will be invited to take part in a due diligence assessment.
- 3b**
Memorandum of understanding
Following the successful due diligence assessment, applicants will be invited to enter into a memorandum of understanding (MOU), which will signal intent from both parties to fund and implement the project according to the approved full proposal.

Meanwhile, Australia's Economic and Social Infrastructure Program will undertake a competitive tender process for the project's solar product supply and installation.
- 3c**
Pawarim Komuniti Partnerships Agreement
Successful applicants will enter into an agreement with the Economic and Social Infrastructure Program and the selected solar product supplier and installer.
- 4**
Project implementation
All partners will work together to implement the project in line with the Pawarim Komuniti Partnerships Agreement terms.

Submit an expression of interest

Expressions of interest will be reviewed after the following cut-off dates:

Round 1

11.59 pm Port Moresby time on Friday 31 January 2025

Round 2

11.59 pm Port Moresby time on Monday 31 March 2025

Project expressions of interest will continue to be reviewed until the funding cap has been reached.

Submit applications on the website or by email.

Website: www.pawarimkomuniti.org.pg

Email: to apply@pawarimkomuniti.org.pg

Expression of Interest Application form

Information for applicants

This expression of interest form helps Pawarim Komuniti Partnerships to learn more about the applicant's organisation and proposed project, focusing on the project's concept, rationale and intended outcomes.

Any organisation seeking to apply for funding through Pawarim Komuniti Partnerships must complete this expression of interest form.

Please complete all sections of this form. If you are unsure how to complete this form, please review the details on the website or contact the Pawarim Komuniti Partnerships team.

Project snapshot

Proposed project name					
Location	<i>LLG, district, province</i>				
Organisation					
Total funding request	<table><tr><td>Total</td><td><i>At least PGK500,000</i></td></tr><tr><td>Applicant contribution</td><td><i>Cash amount (at least 10% of the proposed total funding request highly encouraged)</i> <i>In-kind amount (for example, staff time commitment, complementary investments that directly support the project)</i></td></tr></table>	Total	<i>At least PGK500,000</i>	Applicant contribution	<i>Cash amount (at least 10% of the proposed total funding request highly encouraged)</i> <i>In-kind amount (for example, staff time commitment, complementary investments that directly support the project)</i>
Total	<i>At least PGK500,000</i>				
Applicant contribution	<i>Cash amount (at least 10% of the proposed total funding request highly encouraged)</i> <i>In-kind amount (for example, staff time commitment, complementary investments that directly support the project)</i>				
Total project value	<i>Funding request plus applicant contribution</i>				
Project summary	<i>100 words</i>				
Why is this project needed?	<i>Maximum 250 words</i>				

Project description

Project location summary	<i>Please provide background on the project location such as terrain, proximity to established transport routes, current access to services, safety and security</i>				
Project technology and proposed quantities	<table><tr><td><input type="checkbox"/> Solar home systems</td><td>Quantity</td></tr><tr><td><input type="checkbox"/> Solar community systems</td><td>Quantity</td></tr></table>	<input type="checkbox"/> Solar home systems	Quantity	<input type="checkbox"/> Solar community systems	Quantity
<input type="checkbox"/> Solar home systems	Quantity				
<input type="checkbox"/> Solar community systems	Quantity				

**Please note, solar streetlights must be combined with at least one other solar product*

- Solar streetlights*
- Standalone solar powered systems with battery (5kW or 10 kW)

Quantity

Type and quantity

Baseline information on project location and needs

How many households are in the project location?

How many dwellings other than households? What are they?

What other energy needs exist in the community?

How has this information been obtained?

Any other points to note on the need for this project

Intended project outcomes
(tick one or more boxes)

- Improved access to education, health and/or other essential public services
- Enhanced livelihoods
- Greater food security
- Improved economic opportunities
- Conservation initiatives (e.g. cultural, environmental, biodiversity)
- Other (please list):

Describe how the project will contribute to the intended project outcomes

Describe the broader impact of the proposed project. Focus on how it will contribute to improved access to essential services, enhanced livelihoods, expanded economic opportunities and improved safety and security, alongside other intended outcomes. Maximum 400 words.

Has the community agreed on this project concept? Describe any consultation undertaken

Describe consultation undertaken with the community/communities that will be involved in the project. Maximum 200 words.

Describe how the community will be involved and participate in the project

Include if community members will provide cash or in-kind contributions to the project. Maximum 200 words.

Applicant details

Organisation name

Postal address

Telephone

Email address

Organisation type

- Government or statutory authority
- Private sector organisation/foundation
- Landowner group or community-based organisation
- Faith-based organisation
- Non-government organisation
- Development organisation
- Other (please give brief details)

Brief description of the organisation

For example, years in operation, major shareholders, core business, previous work in PNG and abroad, experience working with local communities and agencies. Maximum 200 words.

Describe other grant funding received in the past 5 years

Brief description of similar projects/activities the organisation has completed in the past 5 years

Key organisational contacts for the project

	Project lead coordinator	Secondary contact
Name		
Position		
Email		
Mobile		

Organisational eligibility

1. All non-government applicant organisations must be registered with the PNG Investment Promotion Authority (IPA) or provide evidence of registration in their country of nationality.

Please provide your IPA registration number or equivalent:

2. All applicant organisations must hold audited financial statements for the last 3 consecutive years, audited by an independent audit firm. If audited financial statements are not available, the financial statements must be certified by the organisation's authorised officer.

Does your organisation hold audited or certified financial statements for the last 3 consecutive years?

Yes No

Have you attached copies of your audited or certified financial statements to this expression of interest?

Yes No

3. If applying as a consortium or a joint venture, each member must provide items 1 and 2 above plus a copy of a duly executed Consortium Agreement, Joint Venture Agreement or a Letter of Intent to form a consortium or joint venture.

If you are applying as a consortium or joint venture, do you hold the documents listed in item 3?

Yes No NA

4. All applicant organisations must hold a valid Tax Identification Number (TIN) or equivalent.

Please provide your TIN or equivalent:

5. All applicant organisations must hold a valid Certificate of Compliance issued by the PNG Internal Revenue Commission (IRC) or provide evidence of registration in their country of nationality.
-

Please confirm you hold a valid Certificate of Compliance or equivalent.

Yes No

-
6. Applicants proposing to include a standalone power system in their project must hold proof of ownership such as a certified land title, a long-term lease or a Land Use Agreement for the land and any buildings on which the system will be installed.

6.1 Does your project include a standalone power system? Yes No

*If yes, please move to Part 3.2
If no, please move to the next section*

6.2 Does your organisation have the land title, a long-term lease or a Land Use Agreement for the land and any buildings proposed for the site location? Yes No

6.3 Have you attached copies of your land title, long-term lease or a Land Use Agreement to this expression of interest? Yes No

Estimated budget and financing

Additional documentation

Please ensure the following documents are submitted with the EOI form:

- IPA Certificate of Registration of the organisation or equivalent
- IRC Tax Identification Number (TIN) or equivalent
- Audited or certified financial statements
- Land title, land lease agreement or any other consent document with customary landowners (if relevant)
- Optional: support letters from relevant Provincial Administration and/or committees at the proposed project sites



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