



Australian High Commission
Papua New Guinea

Australia's renewable investment in PNG

PNG.HIGHCOMMISSION.GOV.AU

INTRODUCTION

- PNG renewable energy context: Why Australia is here and how we work.
 - Overview of the Australian Government's renewable energy investments in PNG: On- and off-grid infrastructure, technical assistance, and governance reforms.
 - Opportunities for partnerships and cooperation to support PNG to increase renewable energy investment and meet its energy access goals.
-



PNG Power's Aitape power station with new solar plant (West Sepik Province)

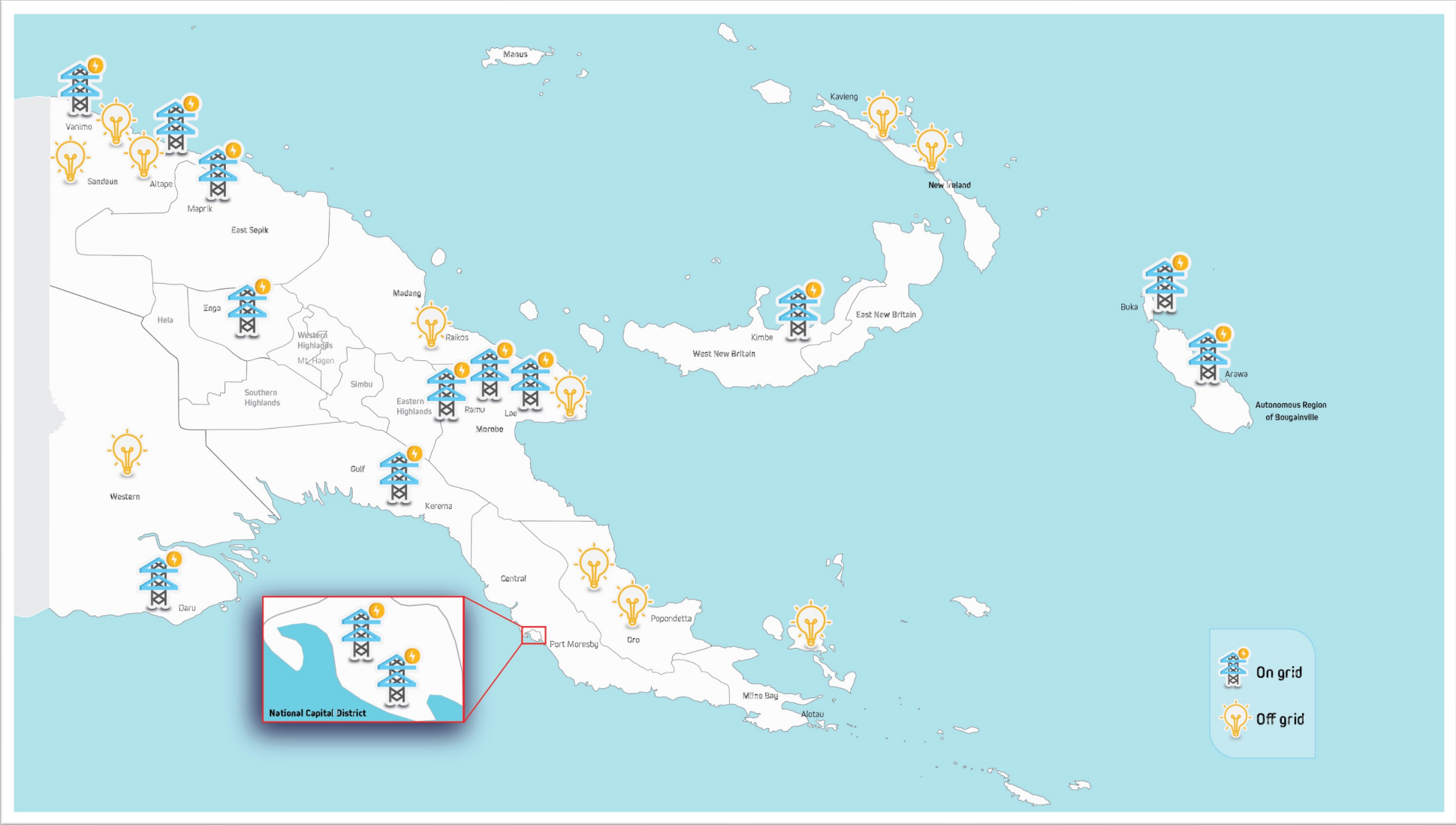
RENEWABLE ENERGY IN PNG

- PNG's energy infrastructure deficit needs significant investment to support economic growth and social development.
- Improving PNG's energy sector is a shared priority for the governments of PNG and Australia.
- Australia is committed to renewable energy investment in PNG—it supports increased access to reliable, affordable, clean power and responds to the reality of climate change.



Students studying at night under solar lights in Oro Province

AUSTRALIA'S ENERGY PROJECTS IN PNG



AUSTRALIA'S SUPPORT: WHAT WE DO IN ON-GRID ENERGY

- Working with PNG Power to improve on-grid electricity through critical works on key hydropower assets and on transmission and distribution upgrades and repairs.
- Solar upgrades to provincial grids in Aitape, Arawa, Kimbe, Kerema, Maprik, Daru, Buka and Finschafen.



Ramu 1 Hydropower Station
(Eastern Highlands Province)

AUSTRALIA'S SUPPORT: WHAT WE DO IN OFF-GRID ENERGY

- Supporting increased access to renewable energy in remote communities across the country through small-scale solar systems and community lighting.
- Delivered over 55,000 solar home kits and solar systems for community facilities, more than 1,500 solar streetlights.
- Capacity building and advisory support for the National Energy Authority to improve its regulatory expertise.



Students studying under solar light in Morobe Province

AUSTRALIA'S SUPPORT: HOW WE WORK

- Alignment with the PNG Government's infrastructure priorities.
- Local participation to maximise benefits to local communities.
- Ensure project designs embed the latest climate science to build resilient infrastructure.
- Focus on investments that deliver long-term benefits, are fit for purpose and provide a return to the economy.



Esther Itu, Business Manager at PNG Power's Arawa power station with Stage 1 of new solar plant (Autonomous Region of Bougainville)

REFORM AND GOVERNANCE IMPROVEMENTS

- PNG Government has identified that infrastructure investments will be most effective when coupled with sector reform.
- Australia will continue to support PNG Government efforts to strengthen the legislative and regulatory environment that governs the energy sector.



Rooftop solar panels in Lumi District
(West Sepik Province)

OPPORTUNITIES FOR COOPERATION AND PARTNERSHIPS

- Work together to support PNG Power's and the National Energy Authority's management and regulatory reforms.
- Opportunities to share renewables expertise, including to develop strong regulatory frameworks.
- Collaboration on pilot projects to test renewable technologies and business models that are new to PNG.



Repairing a stator coil at Rouna Hydropower Station (Central Province)



Australian High Commission

Papua New Guinea



PNGAus Partnership

PNG.HIGHCOMMISSION.GOV.AU