PACIFIC INFRASTRUCTURE PARTNERS

Energy Roundtable

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Spotlight Opportunities

Panel speakers and focus areas for discussion

Maurizio Cian
EU Delegation to the Pacific — Moderator

Gordon J. Chang
Pacific Power Association — Utility / PPA perspective

Delilah Homelo
Solomon Power — Emerging energy opportunities

Takeshi Shiihara
Asian Development Bank — ADB–PPA PMU-S / regional opportunities

Semisi Tawake
Energy Fiji Limited — Renewable transition / grid

Mark Prater
MAP Projects Limited — Brenwe Hydro, Vanuatu

Source: pacificinfrastructure.org download; figures indicative and subject to update.

Big picture: what is in the latest pipeline?

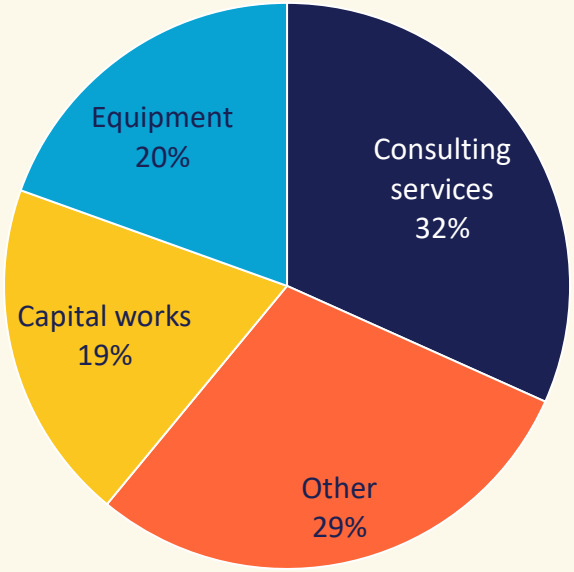
41
packages / opportunities

$502m
indicative max value

6
project-level entries

$455k
median package value

Contract type mix



What to note

- Largest location by value: Fiji
- Largest opportunity type: Hydro / generation
- Consulting services are the largest contract-type share (13 of 41 packages).
- Quarter timing is available for 22 packages; 19 year-only / undated entries are omitted from the timing slide.
- Figures use max package budget where a range is provided.

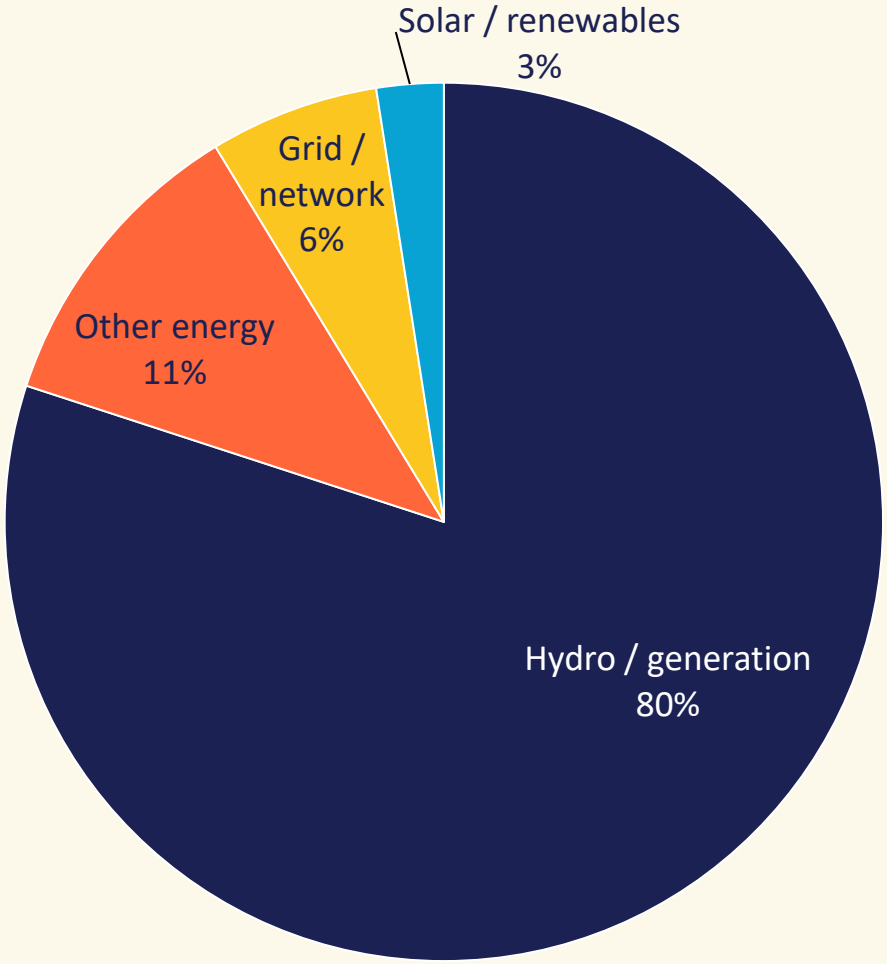
Other sources of information

[Add speaker source / notice channel]
[Add speaker source / market signal]

Source: pacificinfrastructure.org download; figures indicative and subject to update.

Opportunity types: what work is coming?

Package value by opportunity type

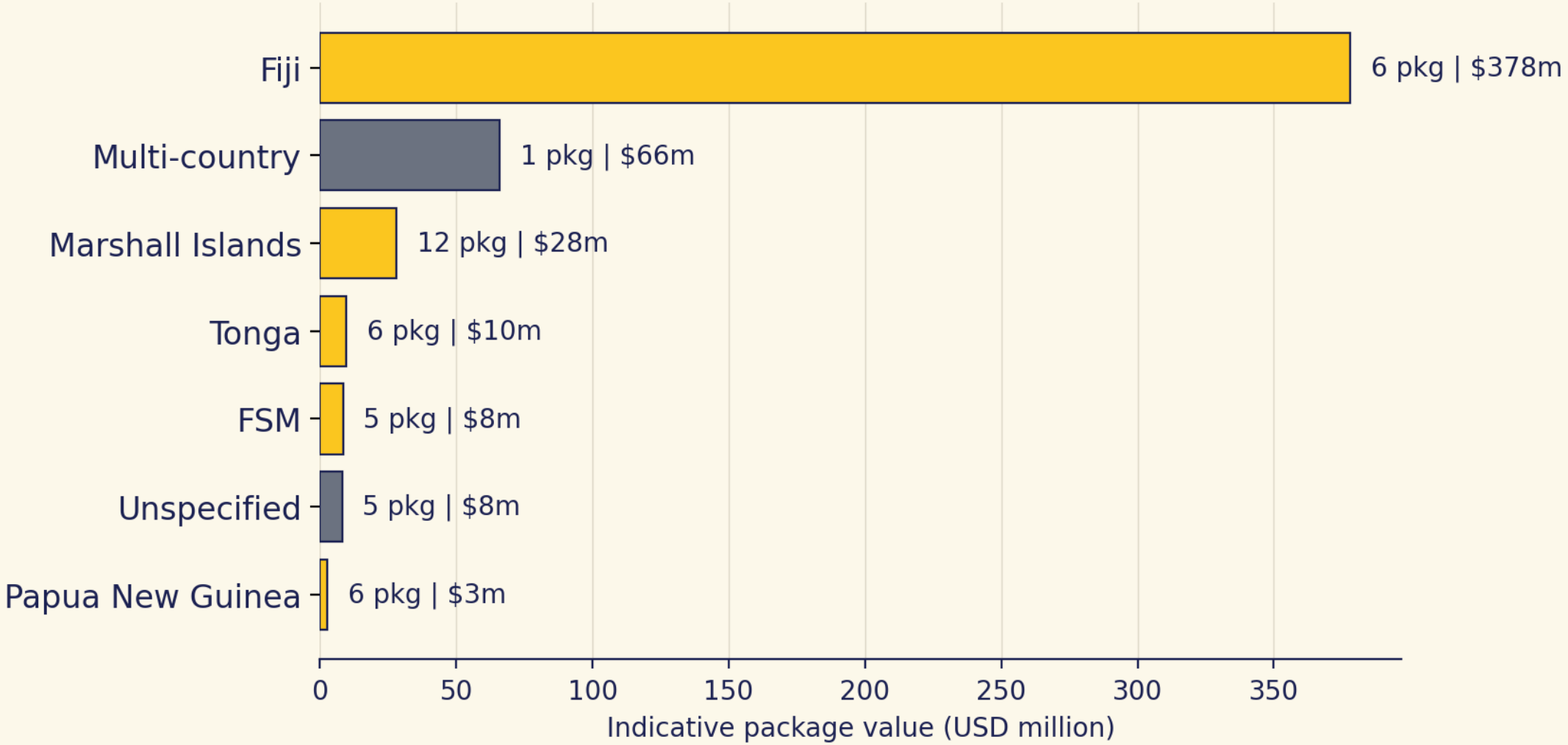


Source: pacificinfrastructure.org download; figures indicative and subject to update.

Country spread: where are the opportunities?

Top locations by indicative package value

Grey = multi-country / unspecified



Source: pacificinfrastructure.org download; figures indicative and subject to update.

https://pacificinfrastructure.org/

PACIFIC INFRASTRUCTURE

PROJECTS CONTRACTORS ABOUT CONTACT LOG IN

PROJECTS

Home / Projects

PROSPECTIVE | IN THE PIPELINE | PAST

Display: PROJECTS | PACKAGES

Search terms: e.g. Hydropower

Country: All

Sector: All

Value range ($USD): All

Contract type: All

Funding agency: All

Estimated timing: All

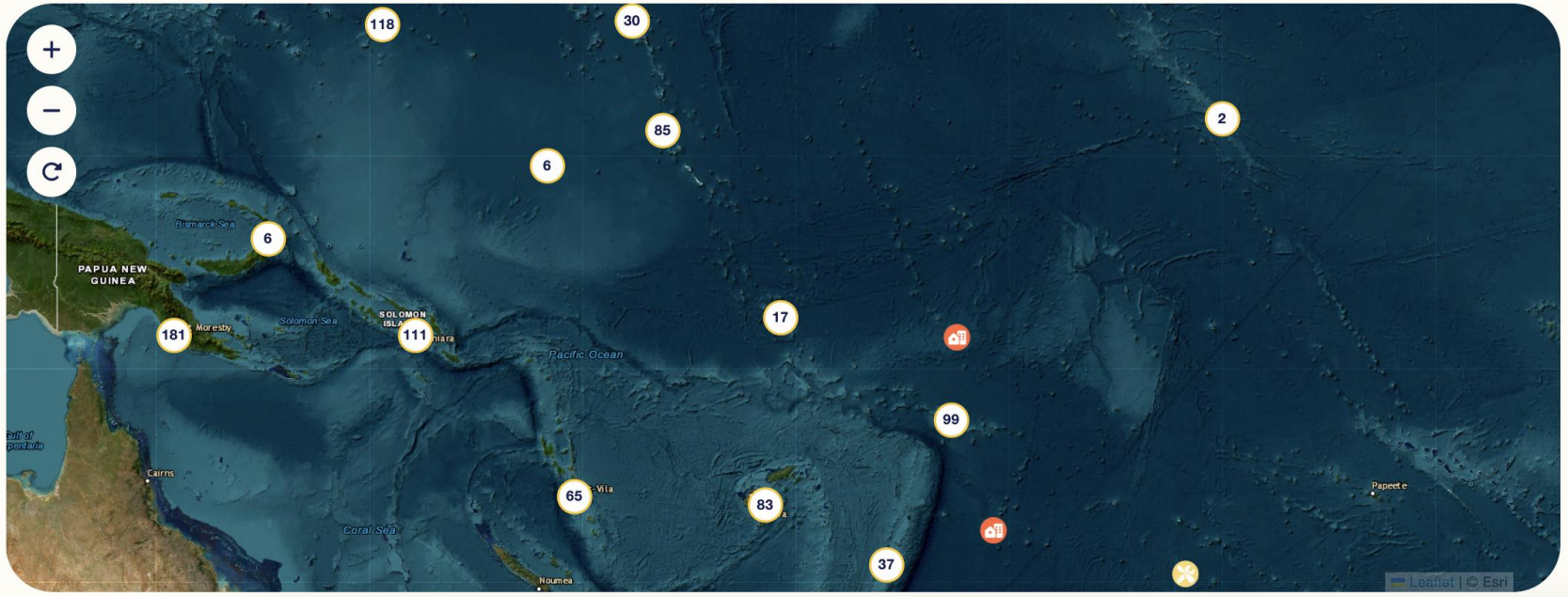
Procurement type: All

Status: All

APPLY FILTERS

Clear all

Sectors: Energy Transport Social Water and wastewater Solid waste ICT Other



SUMMARY

BY SECTOR | BY STATUS | BY CONTRACT TYPE

Sectors: Energy Transport Other Social Water and wastewater ICT

850 Packages

$2.3B Value (USD)

Energy Sector

Sectors Department 1
Energy Sector Office
Southeast Asia and the Pacific

Priority Areas

- Solar PV
- Hydropower (small scale)
- Battery energy storage system
- Transmission and distribution
- Electrification (last mile solution)
- Capacity development
- Energy sector and regulatory reform
- Regional PMU supplementation scheme

Opportunities

- Turnkey: solar PV | BESS | grid upgrade | transmission | hydropower
- Equipment supply: transmission | distribution | smart meters
- Consulting services: grid assessments, feasibility studies, due diligence support, project supervision, capacity development and supplementation

Issues/Challenges

- How to attract competent quality consultants and contractors at a reasonable price when the government capacity is limited, the project sites are remote and scattered, the contract size is limited?
  - Bundling procurement across the region | Project programming consolidation | Project replicability and scalability | Capacity supplementation
- How to increase and sustain project impact when demand may be limited, operation and maintenance capacity is limited?
  - O&M management contract | Promoting productive use of energy |

Highlights

- **Fiji Islands**: $40 million pipeline for Viti Levu Green Circuit Project
- **Pacific (14 DMCs)**: $0.5 billion pipeline for energy transition with focus on renewable energy integration into the grid, climate adaptation, sector reform, energy access, and capacity development
- Regional project management unit supplementation scheme (PMU-S): A regional shared resource dedicated to the Pacific for project development and implementation, with $3 million to $5 million, to be funded by ADB TA.

PMU-S: Expected Impact and Outcomes

- A regional shared resource dedicated for the Pacific energy community for project development and implementation.
- Expected to enhance efficiency in the Pacific energy operations.
- Contributing to quality infrastructure development.
- Comprehensive capacity supplementation services.
- Covering all Pacific energy utilities.
- Long-term commitment and large resources.
- Expected outcomes above delivered by development institutions as public goods for the Pacific region.

PMU-S: Key Features

- Scope: *Project implementation, due diligence, and feasibility studies*.
- Delegation: *Full delegation and partial delegation*.
- Staffing: *A team of experts (deployed from consulting firms engaged by ADB) and secondees from utilities*.
- Funding Arrangement: *ADB's technical assistance resources*.
- Steering Committee: *Comprised of PPA and representatives from 6 countries (and ADB as an observer)*.
- Workplan: *18 projects (both ongoing and under development)*.

Pacific Countries

Country	Project Title	Scope	Services	Estimated Value ($ million)	Advertisement Date
TON	Grid Enhancement for Sustainable Energy Transition	Design, supply and installation of 33 kV lines and 11kV feeder upgrade.	EPC	7.1	Q4 2026
TUV	Increase Access to Renewable Energy Project – Second Additional Financing	Design, supply, install, test & commission plant – rooftop PV; at the power stations BESS, inverters and grid upgrades on three outer islands, and grid upgrades in Funafuti. Supply, install, operate and maintain in three outer islands: (a) electric carts and boats and charging stations; (b) freezers; (c) internet connectivity; (d) UPS; (e) electric pumps; (f) streetlighting; (g) early warning systems	EPC Goods	5.8 1.6	Q3 2026 Q4 2026

Pacific Countries (continued)

Country	Project Title	Scope	Services	Estimated Value ($ million)	Advertisement Date
FSM	Renewable Energy Development Project	Supply and installation of 1,950kW ground-mounted solar PV generation including an integrated 800kW/ 1,600kWh battery energy storage system in Yap State	EPC	6.80	Q2 2026
FSM	Renewable Energy Development Project	Supply and installation of 950kW ground-mounted solar PV generation in Kosrae State	EPC	2.58	Q2 2026
FSM	Clean Energy Project	Run-of-river hydropower plant 40 kW (Pohnpei)	EPC	0.50	Q2 2026
RMI	Energy Transition Project	Design, supply, and installation of distribution substation, SCADA and other equipment for Majuro with O&M services	EPC	6.9	Q3 2026
PAL	Power Reliability Improvement and Storage Management Project	Project Implementation Consultants	Consulting	1.0	Q1 2026
		Battery energy storage, energy management system, protection equipment	EPC	10.0	Q1 2026
		Vehicle to grid pilot (charging stations and vehicles)	EPC	2.5	Q1 2026

Pacific Countries (continued)

Country	Project Title	Scope	Services	Estimated Value ($ million)	Advertisement Date
PNG	Sustainable Energy Sector Development Program, Subprogram 1	SESDP-G1: Supply of equipment – distribution line hardware (critical spares, poles, cross-arms and underground cable)	Goods	2.26	Q3 2026
PNG	Sustainable Energy Sector Development Program, Subprogram 1	SESDP-G2: Supply and installation of generator control equipment (Rouna 2 gate control system and Sirinumu cathodic protection)	Goods	0.48	Q3 2026

Pacific Countries (continued)

Country	Project Title	Scope	Services	Estimated Value ($ million)	Advertisement Date
PNG	Sustainable Energy Sector Development Program, Subprogram 1	SESDP-G4: Supply and installation of smart meters Lot 1: Smart meters (incl meter enclosures) for retail customers in POM grid Lot 2: HV Smart energy meters for distribution feeders	Goods	Total: 2.74 Lot 1: 2.39 Lot 2: 0.93	Q3 2026
PNG	Sustainable Energy Sector Development Program, Subprogram 1	SESDP-P6: Upgrade and modernization of SCADA in POM and Ramu grids	EPC	2.74	Q3 2026

Thank You!

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Emerging Investment Prospects in Solomon Islands Energy Sector

Solomon Islands Electricity Authority

SolomonPower
energising our nation

Delilah Homelo
Chief Executive Officer

Emerging Investment Prospect at Solomon Islands Electricity Authority

ADB Pacific Facebook page

Transaction Advisory Services Agreement signed ADB/SP on 13th May 2026

- ✓ This will support the country's first privately financed grid-connected solar power project
- ✓ Aims to attract private investment into renewable energy while helping stabilise electricity supply, reduce reliance on imported fuel, lower green house gas emissions and must also result in reduction of tariff.
- ✓ Project Preparation, tendering and process of selecting private partner to supply electricity.
- ✓ 10-20MW in Honiara at Mamara and/or Tenaru (Total of 24 Hectares of land)

Other Solomon Islands Emerging Investment Prospects in Solomon Islands Energy Sector

2026 – Solomon Islands National Infrastructure Investment Plan Dossier (Energy related in the top 20 priorities)

ID	Projects Name	Agency	Cost Est SBD$m
F5	Off-Grid Solar Program	MMERE	163.6 (USD20.45m)
E7	Provincial Hydro Power Station Program	MMERE	988.5 (USD123.56m)
E4	East & West Honiara 33kV Feeders Program	SIEA	78.2(USD9.775m)

2026 – Solomon Islands National Infrastructure Investment Plan Dossier

Why Private Sector Firms May Wish to Engage

- **Growing market interest** — Significant increase in private-sector attention to renewable energy over the past 2–3 years.
- **Emerging IPP opportunities** — Multiple non-binding MOUs have been previously signed with prospective developers, signaling a pipeline of future projects, although no commercial agreement were established.
- **Established PPP precedent** — Tina Hydropower demonstrates that large-scale public-private partnerships are viable in Solomon Islands.
- **Shift to structured renewable development** — Sector now moving toward formal, transparent processes for utility-scale renewable energy.
- **Strategic alignment with national priorities** — Investments directly support energy security, affordability, sustainability and economic growth.
- **Strong development partner support** — Technical assistance and international expertise provide confidence in project preparation and governance.
- **Rigorous due diligence and validation** — Processes include technical, financial, economic, legal and regulatory assessments that reduce project risk.
- **Competitive, transparent procurement** — Designed to attract reputable, capable IPP developers through international best-practice standards.
- **Clear commercial rationale** — Utility-scale solar PV and related technologies offer strong long-term value in an evolving market.
- **Opportunity to shape sector transformation** — Firms can play a defining role in the country's transition to cleaner, more reliable energy.

How Firms Can Best Position Themselves to Support Delivery

- **Commit to long-term partnership** with genuine interest in the Solomon Islands energy transition.
- **Understand the local operating environment** — regulatory settings, logistics, land, and community dynamics.
- **Engage early with key stakeholders** to align expectations and reduce delivery risks.
- **Demonstrate flexibility in project structuring** and adapt commercial models to local conditions.
- **Build credible local partnerships** and support local participation and capacity building.
- **Align proposals with national priorities** — energy security, affordability, sustainability, economic growth.
- **Ensure strong ESG and regulatory compliance** across environmental, social, governance and permitting requirements.
- **Show proven renewable energy delivery capability** including grid integration and storage.
- **Adopt a collaborative delivery approach** with Government, SIEA, communities and partners.
- **Present credible, value-driven, risk-sharing proposals** that balance commercial viability with long-term national benefits.

Delilah Homelo
Chief Executive Officer
Solomon Islands Electricity Authority trading as Solomon Islands Electricity Authority

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Facebook: Solomon Power

SolomonPower
energising our nation

Thank You

Energy Fiji Limited

Renewable Energy Transition Plan

Presentation by
Energy Fiji Limited

To
PIBOS – Energy Sector

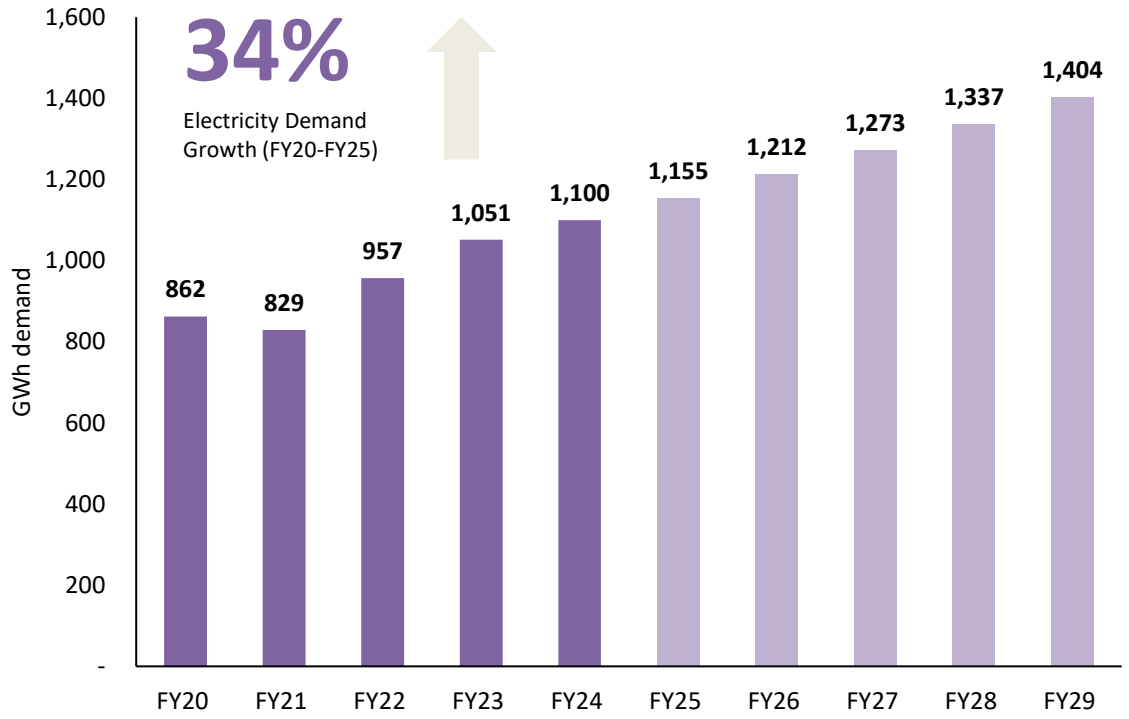
25th May 2026

Demand Growth

1. Growing demand for electricity:

- Electricity usage has increased 34% since COVID and due to rural electrification.
- Demand is forecast to grow by ~5% per year.
- Higher electricity demand increases our costs:
  - New generation and grid capacity need to be built to serve new demand
  - Individual Power Producer (IPP) and backup thermal generation costs have increased
  - Other variable costs will continue to increase.
- Unit tariff levels need to re-adjust to the new billing volumes (eg forecast allowable revenue / forecast volumes)

Electricity demand growth (Gigawatt hours per annum)



Key Performance Indicators (KPIs)

EFL's business strategy focuses on delivery of the major renewable generation projects over the next 4 years as the first phase to meet Fiji's 90% renewables target by 2035

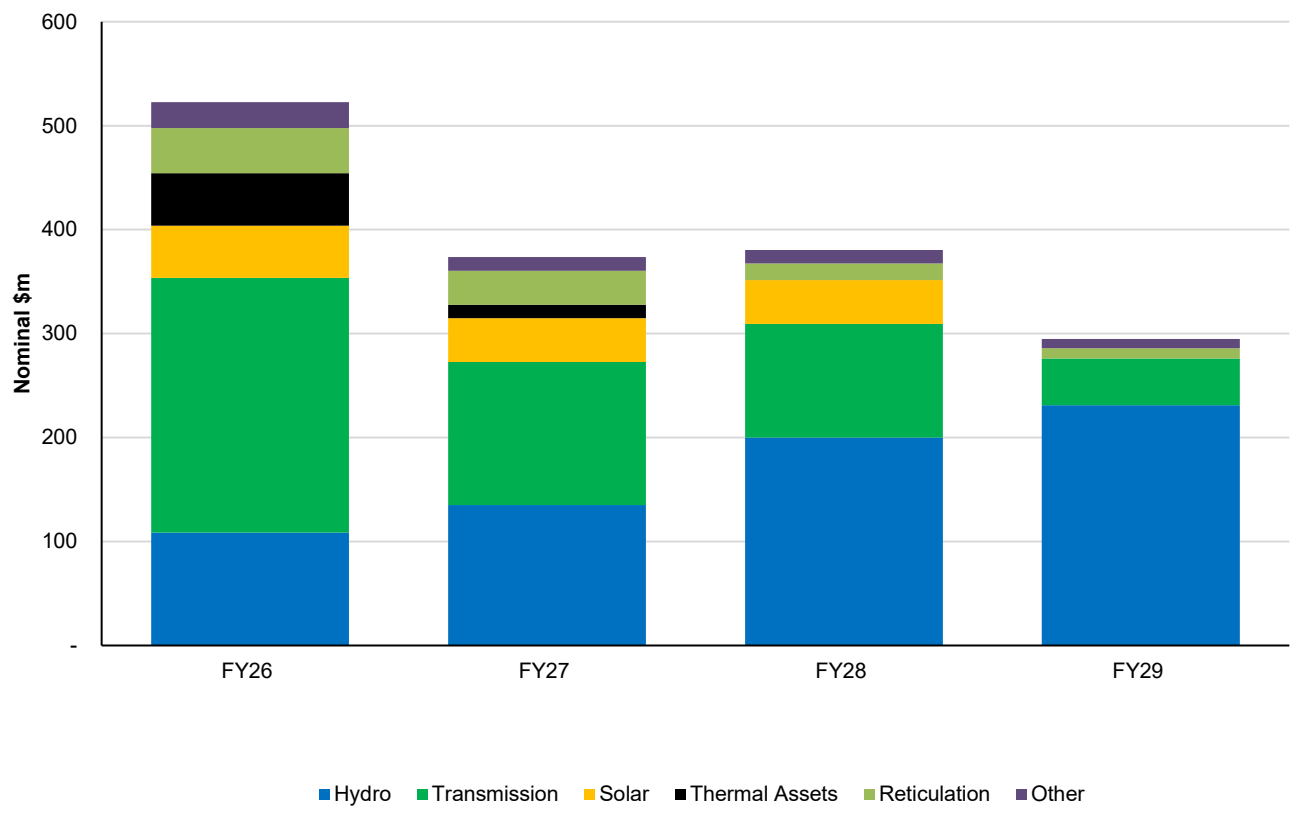
90% of 2026-2029 Capex Plan Delivered by Mid 2029

60% Renewable Generation by 2030

90% Renewable Generation by 2035

Energy Fijis investment plans to achieve 90% renewables

EFL will invest nearly $2 billion on renewables and grid projects between FY25 and FY29.



SOLAR GENERATION

$200M
co-investment in grid-scale solar farms

RENEWABLE GENERATION

60%
of electricity from renewables by 2029

90%
by 2035

HYDRO GENERATION

$363M
for new Lower Ba River project

$290M
for new Upper Wailoa Rover project

THERMAL GENERATION

$251M
for new power stations at Vuda, Kinoya & Labasa

$62M
for upgrades to existing plants

TRANSMISSION ASSETS

$731M to strengthen and expand the grid

Solar Investments

EFL is progressing 165 MW of solar and battery projects

IPP	Size	Location	Expected operational date	Procurement Stage
IPP 1	30MW Solar + 40MW BESS	Vuda	TBC	Technical Complete; Pricing under negotiation
IPP 2	20MW Solar	Rakiraki	TBC	Technical Complete; Pricing under negotiation
IPP 3	20MW Solar	Rakiraki	TBC	Procurement to commence following 6-month Phase 1 assessment
IPP 4	30MW Solar	Tavua Ba Nadi	TBC	Contracting stage
IPP 5	65MW Solar	Viti Levu	TBC	MoU signing stage; JV under negotiation

Renewable energy investment for transition

Solar with BESS investment options by 2028

EFL to co-invest in 165 MW Solar + 40 MW Battery Energy Storage System (BESS):

- EFL makes 50:50 co-investment with Independent Power Producers (IPPs) / investors (e.g. Joint Venture (JV) or Public Private Partnership (PPP) on 165 MW solar + BESS.
- EFL funds half of solar project cost ($201m) and supporting transmission network.
- EFL to pay a fair feed-in tariff to IPPs in order to attract potential IPP co-invest.

Solar investment options based on ADB renewable roadmap

Hydro investment options by 2031

Qaliwana hydro scheme

- Capacity: **21 MW**
- Annual Generation: **46 GWh**
- EFL investment: **$290m**
- Operational from: **2031**

Savatu hydro scheme

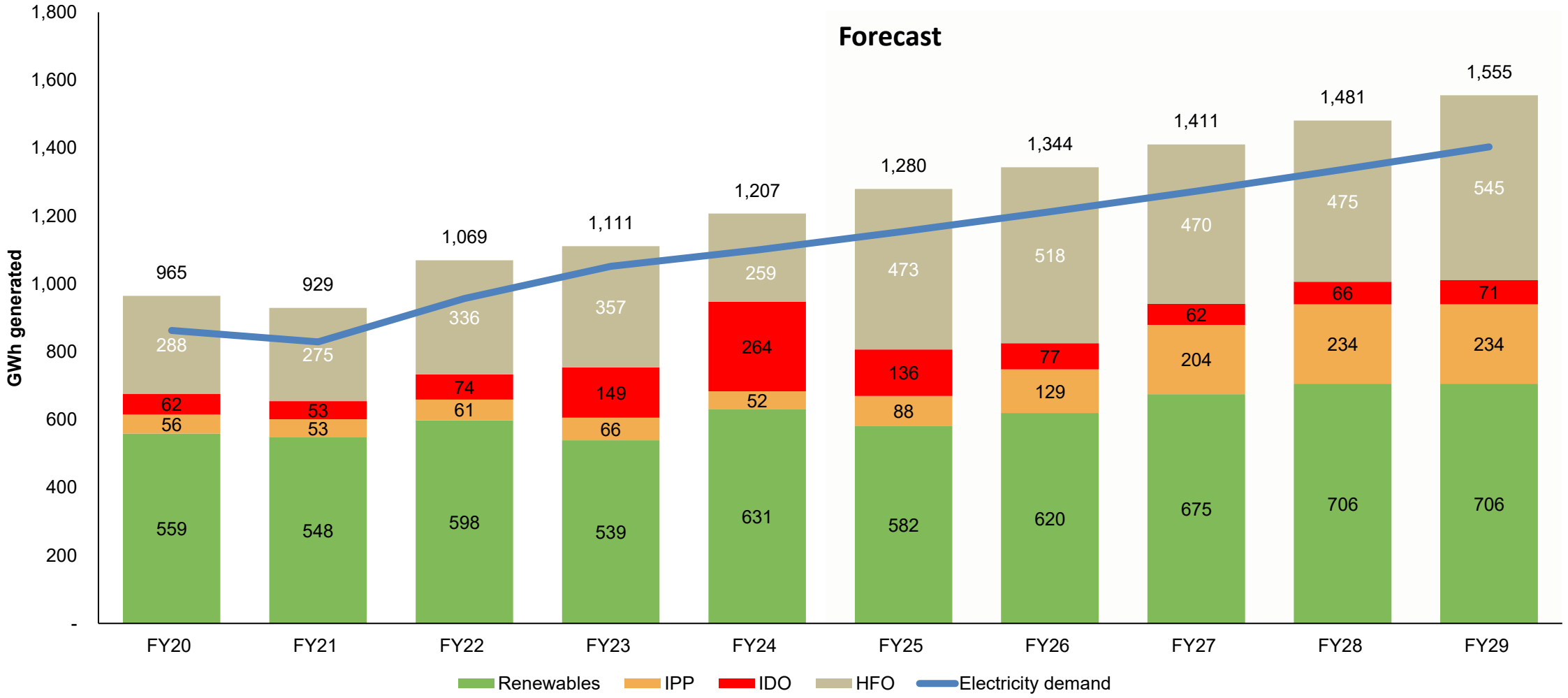
- Capacity: **28 MW**
- Annual Generation: **56 GWh**
- EFL investment: **$363m**
- Operational from: **2029-2030**

Prospective Renewable Energy Projects

Viti Levu

Significant demand growth is driving cost pressures

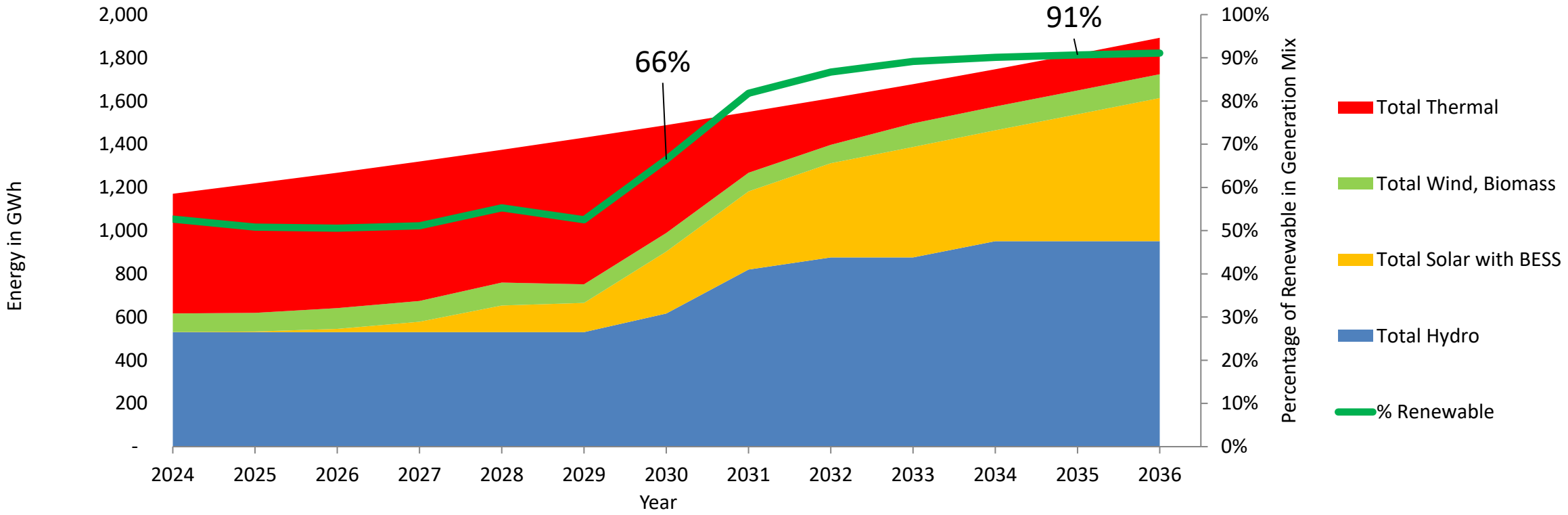
Fijian electricity generation supply and demand (Gigawatt hours)



Energy Fiji's path to 90% renewables

EFL plans to meet these KPIs involves investments in new hydro and solar generation, which will displace older less efficient thermal generation over time

Projected Generation and Renewables Uptake (2025 - 2036)



Vinaka Vakalevu
Questions Welcome

Mark Prater – MAP Projects

Brenwe Hydro and Malekula Transmission Line (Vanuatu)

- Success Story & Insights –

People and Experience

- MAP Journey started in 2007 – Mangaio Hydro Scheme
- Every journey starts and ends with people
- **Success** starts with strong deliveries at home

MAP PROJECTS
SAFE SUSTAINABLE SOLUTIONS

PERNIX GROUP

mtl

BCCL
BLUEBIRD CONSTRUCTION CO LTD

People and Relationships

- Valued Client, Engineer and Funder relationships (ADB, VPMU, Stantec)
- Every construction success comes from a strong team
- The **opportunity** came through relationships

MAP PROJECTS
SAFE SUSTAINABLE SOLUTIONS

LONG GOD YUMI STANAP

ADB

Stantec

He aha te mea nui o te ao

What is the most important thing in the world?

He tangata, he tangata, he tangata

It is people, it is people, it is people

Māori Whakatauki (Proverb)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QUESTIONS?
LINKS:
https://www