

3rd Pacific Energy Investors Forum,
Ngarachamayong Cultural Centre, Koror, Palau
Friday 3rd August 2018

Draft Agenda

| Time | | Speakers |
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| 8:30 – 9:00 | Registration | |
| 9:00 – 9:10 | Opening and Welcome Remarks | Andrew Daka , CEO, PPA |
| 9:10 – 9:30 | Highlights of the Third Pacific Energy Investors Forum Report: <i>Exploring the Private Sector Opportunities in the Pacific Energy Markets</i> | Mike Allen , PRIF Consultant, New Zealand |
| 9:30 – 10:30 | PANEL 1: A UTILITY VIEW OF THE ELECTRICITY MARKET <ul style="list-style-type: none"> • <i>Engaging with IPPs</i> • <i>Integrating intermittent generation</i> • <i>Energy Storage Challenges and Solutions</i> • <i>Diversification beyond solar PV</i> | PANEL: Tereapii Timoti CEO, TAU, Cook Islands Hasmukh Patel , CEO, EFL, Fiji Tologata Galumalemana Lupematasila Tagaloatele Tile , GM, EPC, Samoa Pradip Verma , CEO, SP, Solomon Islands (TBC) Robert Mathews , CEO, TPL, Tonga (TBC) <i>Moderated by Mike Allen</i> |
| 10:30 – 11:00 | Coffee/tea break | |
| 11:00 – 12:00 | PANEL 2: A MARKET VIEW OF OPPORTUNITIES <ul style="list-style-type: none"> • <i>Domestic capacity to meet market needs</i> • <i>Deepening markets for the private sector</i> • <i>IPP Options and opportunities</i> • <i>Financing – bankable projects</i> | PANEL: Steve Anderson , Andersons, Cook Islands Isabel Neto , World Bank, Sydney Terrense Liu , Singyes, Hong Kong (TBC) Peter McGill , Transnet, New Zealand ANZ Rep (TBC) <i>Moderated by Anthony Maxwell, ADB, Sydney</i> |
| 12:00 – 13:00 | Lunch | |
| 13:00 – 14:00 | PANEL 3: MARKET INFLUENCES & SUPPORT MECHANISMS <ul style="list-style-type: none"> • <i>The driving force of NDCs</i> • <i>Aspirations and practical realities</i> • <i>Market place support mechanisms</i> • <i>Donors encouraging the private sector</i> | PANEL: Solomone Fifita , PCREEE, Tonga Martin Garrood , MFAT, New Zealand Arjun Guha , IRENA, UAE Peter Storey , PFAN, Austria <i>Moderated by Jane Romeo, PRIF, Sydney</i> |
| 14:00 – 14.45 | PANEL 4: MAXIMISING THE COLLECTIVE BENEFITS OF EXPERIENCE TO DATE <ul style="list-style-type: none"> • Adjusting to an IPP market • Policy and Regulation • Attracting the private sector • Sharing Pacific experiences • The role for the PPA in changing markets Open floor discussion | PANEL: Brian Clayton , Chapman Tripp, NZ (TBC) Andrew Daka , PPA, Fiji Kione Isechal , GM, PPUC, Palau Lachlan James , ITP/ Frontier Fund, Canberra (TBC) <i>Moderated by Jack Whelan, PRIF, Sydney</i> |
| 14:45 – 15.00 | Close | Andrew Daka , PPA Jack Whelan , PRIF |

Overview of Panel Sessions

PANEL 1: A UTILITY VIEW OF THE ELECTRICITY MARKET

In a discussion with the heads of Pacific power utilities, this session will look to share experiences in working with the private sector as new and renewable power facilities have been established. While these developments have been predominantly solar PV, from domestic/commercial gross metered arrangements under a FIT to 2-3MW grid connected IPP solar farms, there is also recent experience with a 10MW biomass operation and an ongoing 18 MW hydro development.

Topics will include:

- attracting and engaging with the private sector to establish independent power producer (IPP) arrangements with competitive, long term power purchase agreements (PPA)
- reaching a balance in meeting national generation requirements while providing a commercially acceptable environment for the utility and the IPP
- providing for an increasing level of intermittent generation and how this is being addressed through various energy storage options
- a view on future sources of renewable generation, both as a source of electricity and as integral components for adequate storage and grid stability
- a look into future IPP opportunities

PANEL 2: A MARKET VIEW OF OPPORTUNITIES

Drawing on those involved in the supply, installation, IPP project development and financing of renewable projects, this session will look to understand the private sector view point of the emerging markets in the Pacific.

Topics will include:

- the current level of national capabilities to support the renewables market in supplying and/or building appropriate facilities in the different markets across the region
- what can be done to encourage wider participation by the private sector and how can the commercial structure within markets be reinforced to increase the scale of opportunities in individual markets
- how are the current IPP opportunities viewed; what would ensure competitive offers with limited recourse for guarantees and security of PPAs
- is there IPP potential to offer storage and grid stability facilities – would this require a different mechanism from existing PPAs
- what would enable access to finance in what are small markets where transaction costs can be disproportionately high

PANEL 3: MARKET INFLUENCES & SUPPORT MECHANISMS

There are a number of drivers for the current growth in renewables; displacement of high cost diesel generation, security of supply, delivering increased access to electricity and Nationally Determined Contributions (NDCs). Pacific island nations have taken a particularly strong position in setting their NDC targets; these are being used as a yardstick for progress in building the renewable energy contribution to national electricity supplies. Panelists are drawn from bilateral, regional and international agencies that are at the forefront of analysing, promoting and supporting access to clean energy.

Topics will include:

- what are the driving forces behind the NDCs and meeting these targets; how are the national goals being reconciled with the practical technical and commercial issues that utilities must face
- the aspirational nature of the NDC goals is acknowledged; what are the practical issues that will impact on these being reached
- what support mechanisms are available to help reinforce national and regional capabilities and capacity, both in the public and private sectors; what can they offer in the Pacific markets; what parallel experiences are there from island nations outside the Pacific
- how can grant supported projects reinforce opportunities for the private sector; where should the division be between their roles

PANEL 4: MAXIMISING THE COLLECTIVE BENEFITS OF EXPERIENCE TO DATE

The focus of the Forum has been to look at the experiences across the Pacific island countries as all look to address the urgent need to move to cleaner forms of power generation. The magnitude of the developments required, in what are often small and less robust economies, mean that there will be a growing need for private participation in these markets. Successful growth will require market policies, regulations and commercial arrangements that are mutually acceptable for national needs and private sector participants. There is clearly a growing body of experience in the region and sharing this will provide support to both those who have engaged with IPPs and are looking to strengthen this aspect of their market and those who have yet to begin this journey.

Panelists bring legal, operational, power industry and financing experience to this discussion, looking to provide thoughts on how the market can be reinforced for all interested parties.

Topics will include:

- how future planning, project implementation and system operations need to adjust to accommodate IPP participation
- what policy and regulation issues are seen as critical to build markets with increasing private sector activities; the power purchase agreement and its central role
- how can the private sector be attracted to make long term commitments into regional markets
- what will the public-sector role in power generation look like going forward; near term and in the future
- how can the experience in the Pacific be most effectively shared; what are the key opportunities for the Pacific Power Association's contributions in the evolving regional markets