



Electric Vehicles and Charging Infrastructure on Pacific Islands: Planning, Deployment, and Key Considerations

Workshop Agenda

Dates: January 13 – 15, 2025

Location: Holiday Inn Suva, 501 Victoria Parade, Suva, Fiji

Monday, January 13 – Day 1: Overview & Context

Time	Session Title	Speakers
9:00 - 9:30	Welcoming Remarks from U.S. Embassy Suva, LTA, and PCREEE	
9:30 - 10:00	<i>Group Photo & Morning Tea</i>	
10:00 - 11:15	Fiji land transportation SWOT analysis and goals	Caley Johnson & Bonnie Powell
11:15 - 12:00	Tongan land transportation policy framework	Caley Johnson & Sione Misi
12:00 - 13:00	<i>Lunch</i>	
13:00 - 13:30	NREL EV capabilities & past work	Caley Johnson
13:30 - 14:00	Estimating emissions benefits from transportation electrification	Bonnie Powell
14:00 - 14:30	Data collection and management for EVs	Caley Johnson
14:30 - 15:00	On-demand (possibly electric) and public transit	Bonnie Powell
15:00 - 15:30	<i>Afternoon Tea</i>	
15:30 - 16:00	EV deployment strategies in the US	Bonnie Powell
16:00 - 17:00	EV deployment strategies and experiences in Fiji and other PICs	PCREEE and PIC representatives

Tuesday, January 14 – Day 2: Deployment

Time	Session Title	Speakers
9:00 - 11:00	Gender mainstreaming workshop	Sudha Kannan & Bonnie Powell
11:00 - 11:30	<i>Morning Tea</i>	
11:30 - 12:00	Electricity tariff design for EVs	Caley Johnson
12:00 - 13:00	<i>Lunch</i>	
13:00 - 14:00	Fleet electrification	Caley Johnson
14:00 - 15:00	EV planning and deployment models and tools	Bonnie Powell
15:00 - 15:30	<i>Afternoon Tea</i>	
15:30 - 16:00	Workforce development for EVs	Caley Johnson
16:00 - 17:00	End of life management for EVs	Bonnie Powell



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Wednesday, January 15 – Day 3: Grid Considerations

Time	Session Title	Speakers
9:00 - 10:00	Grid planning and management for EVs	Bonnie Powell
10:00 - 10:30	Transportation System Adaptation and Finance	Michael Ha'apio
10:30 - 11:00	<i>Morning Tea</i>	
11:00 - 12:00	Electric Vehicle Charging Stations (EVCS) standards and communications	Solomone Fifita & Andrew Campbell
12:00 - 13:00	<i>Lunch</i>	
13:00 - 13:30	EV and grid resilience to natural disasters	Caley Johnson
13:30 - 14:00	Managed charging and vehicle-to-grid (V2G)	Caley Johnson
14:00 - 14:30	EVCS business models	Caley Johnson
14:30 - 15:00	EV Cybersecurity	Bonnie Powell
15:00 - 15:30	<i>Afternoon Tea</i>	
15:30 - 17:00	Next Steps Action Planning & Feedback Form	Caley Johnson & Bonnie Powell

Please contact Bonnie Powell (bonnie.powell@nrel.gov) or Caley Johnson (caley.johnson@nrel.gov) with any questions.