

Joint PPA-e8 Grid Connected Photovoltaic Workshop – Daily Agenda

DAY	Day	Time	Program	
Day 1	(Mon)	8:00	Course Opening Ceremony	
		8:15	What is e8?	
		<1. Overview of Grid Connected Solar, Solar Panels>		
		9:00	Overview of Grid Connected Solar Applications	
		9:30	Interaction with the grid. Stability, penetration, islanding, net-metering	
		10:00	Morning tea	
		10:15	Site surveys	
		10:30	Solar panels, specifications, rating and general characteristics	
		12:00	Lunch Time	
		13:00	Practical works with solar panels	
		15:00	Afternoon tea	
		15:30	General Inverter characteristics - types, history and general concepts	
		16:00 ~ 16:30	Quiz	
Day 2	(Wed)	8:00	Review of Previous Day	
		<2. Inverters and BOS for Grid Connected Solar>		
		8:30	Matching string characteristics to the Inverter	
		10:00	Morning Tea	
		10:15	BOS components and their characteristics	
		10:45	Utility Responsibilities - standards and inspections	
		11:15	Steps for installing a typical residential grid-connected PV system	
		12:00	Lunch Time	
		13:00	Larger installations. Paralleling Strings for increased power output	
		13:30	Data acquisition, collection and analysis	
		14:00	Economics of Grid Connected Solar	
		14:30	Practical works - system design (afternoon tea as desired)	
		16:00 ~ 16:30	Quiz	
Day3	(Wed)	8:00	Review of Previous Day	
		<Feature of various system - SHS, mini grid and normal grid >		
		8:30	SHS, mini grid (PV mini grid)	
		10:00	Morning tea	
		10:15	SHS, mini grid (PV mini grid) (continuation)	
		12:00	Lunch Time	
		13:00	Mini grid (PV hybrid systems within minig-grid)	
13:30	Normal Grid(Examples of grid connected system)			

		<Technical requirements for grid connection>	
		14:00	Technical requirements for grid interconnction
		15:00	Afternoon tea
		15:15	Technical requirements for grid interconnction (continuation)
		16:00 ~ 16:30	Quiz
Day4	(Thu)	8:00	Review of Previous Day
		<Technical requirements for grid connection (continuation) >	
		8:30	Technical requirements for grid interconnction (continuation)
		10:00	Morning tea
		10:15	Technical requirements for grid interconnction (continuation)
		12:00	Lunch Time
		<PV Hybrid system (Various type of power source), etc>	
		13:00	PV Hybrid system (Various type of power source)
		---	Construction & Maintenance (if time permits)
		14:00	Quiz
		14:30	Site visit
Day 5	(Fri)	8:00	Review of Previous Day
		<5. Review and Closing ceremony>	
		9:00	Course review and evaluation
		10:00	Morning tea
		10:30	Closing Ceremony & Provision of Certification
		11:30	Farewell Lunch