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AGENDA

Overall Schedule Arrangement

Nov. 10 Mon	APEC Workshop on Smart DC Power Opportunity for Community
Nov. 11 Tue (Parallel Workshops)	APEC Workshop on Smart DC Power Opportunity for Community
	Capacity Building for Installers and System Designers for Solar PV Rooftop Installations- Dissemination Workshop
Nov. 12 Wed	43 EGNRET Meeting
Nov. 13 Thu	43 EGNRET Meeting
Nov. 14 Fri	Site visit - Rural Electrification Project Site Visit in Chiang Mai

ASIA PACIFIC ECONOMIC COOPERATION (APEC) NEW AND RENEWABLE ENERGY TECHNOLOGIES EXPERT GROUP (EGNRET) MEETING FORTY-THRID MEETING

Chiang Mai Province, Thailand 12 - 13 November, 2014

Draft

EGNRET 43			
Wednesday, November 12, 2014 Venue: Chiang Mai University, Chiang Mai Province			
09:00-09:30	Registration		
09:30-09:40	Official Welcome	Thailand	
09:40-09:50	Introduction and Adoption of Agenda	Chair	
09:50-10:20	Overview of Renewable Energy in Thailand.	Thailand	
10:20-10:50	Community Biomass Power Plant Development in Thailand	Thailand	
10:50-11:20	Coffee Break		
11:20-12:00	Energy Research and Laboratory Tour at ERDI	Thailand	
12:00-:13:00	Lunch		
13:00-13:20	Recent APEC Activities	Chair/Secretariat	
13:20-13:30	APEC Peer Review on Low Carbon Energy Policies (PRLCE)	APERC	
13:30-13:40	Presentation about LCMT status	APERC	
13:40-15:00	Member Economy Presentations (20 min each) Meeting Theme: Economy Renewable Energy Projections Through 2030 and Strategy in Supporting the New Renewable Energy Goal in APEC	Economies	

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15:00-15:30	Coffee Break	
15:30-17:10	Member Economy Presentations (cont'd)	Economies
17:10-17:30	Goal Doubling RE	USA Dr. Cary Bloyd

EGNRET 43		
Thursday, Nover		
Venue: Chiang N	lai University,	
09:00-9:30	Invited Presentation	ICA
9:30-10:00	APEC Energy Statistics: Issues Related to Monitoring	EGEDA
9.50-10.00	APEC EE and RE Targets	
10:00-10:30	Coffee Break	
10.20 11.00	Progress/Status of Current EGNRET Projects	Connetoriot
10:30-11:00	Notes on APEC Project Submission Process	Secretariat
11:00-11:30	Development of Project Proposal for 2014 Funding	Secretariat
11:30-13:30	Lunch	
13:30-14:30	Discussion on Role of EGNRET Toward the Doubling	Chair
	Renewable Energy Goal in APEC Region	
14:30-15:00	Coffee Break	
15:00-16:00	EGNRET Administration & Operations	Chair
	- Chair Election for the Next Term (2015 ~ 2016)	
	- Next Expert Group Meeting	
	- Other Business	
16:00	Adjourn	Chair



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ASIA PACIFIC ECONOMIC COOPERATION (APEC) APEC Workshop on Smart DC Power Opportunity for Community

Chiang Mai, Thailand

10-11 November 2014

Draft

	10 th November 2014: Chiang Mai Rajabhat University		
08.30	Registration		
09.00	Opening Session and Seminar Overview		
09.30	Session 1: Overview on Smart Grid Systems for Community Level		
	This session will focus on the overview on the Smart Grid System and Microgrid Projects in the APEC region, discussing the background, current development and trends of the smart grid market. The promotion of decentralized power in the small community level will enhance energy efficiency and develop cleaner energy sources for sustainable development.		
10.45	Session 2: Best Practices for Community Power Systems in the APEC region		
	Speaker will share the successful views and experiences of how to establish, function and facilitate the community power systems. Suggestions may be made on how to promote the community based power in long term.		
12.00	Lunch		
13.30	Session 3: The Challenges and Barriers for DC Community Power Systems		
	Development and Implementation		
	During this Session, speakers will provide participants with the challenges, and barriers to develop and implement the community power system. Though awareness on the importance and advantages of decentralized power are raised, it is still difficult to develop and implement at the community level which may due to high costs, standardization, suppliers, country policies, etc.		
14.30	Session 4: Group Breakout: Overall Roadmap for DC Community Power		
	Development in the APEC Region		
	The participants will be divided into 3 groups:		
	Group 1: Appropriate Technology and Standards		
	Group 2: Appropriate Policy and Financing		
	Group 3: Research, Development and Deployment Strategies		
17.15	Discussion and Wrap up of Day 1		
18.00	Welcome Dinner		



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Tuesday 11 November, 2014

APEC Workshop on Smart DC Power Opportunity for Community

Venue: Chiang Mai Wold Green City

11 th November 2014: Chiang Mai World Green City		
09.00	Session 5: Opportunities for DC Community Power Systems in the APEC region	
	During this Session, speakers from various sectors will provide participants with the	
	challenges and opportunities for the implementation of the community power system in the	
	APEC region. The rising opportunities may emerge through government support,	
	technology innovations, and community awareness.	
10.45	Coffee Break	
11.15	Session 6: Group Presentation on Roadmap for DC Community Power Development	
	in the APEC Region	
	Based on Session 4: the representatives from 3 groups will be presenting their ideas and conclusion from their discussion during the group breakout session on the Overall Roadmap for DC Community Power Development in the APEC Region.	
11.45	Wrap – up and Conclusions	
12.00	Lunch	
13.30	Chiang Mai World Green City Tour of Smart Community	
	- Model Community with DC Power Systems and Microgrid	
14.30	Cultural/Excursion tour	



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ASIA PACIFIC ECONOMIC COOPERATION (APEC) Capacity Building for Installers and System Designers for Solar PV Rooftop Installations

(Parallel Session with Smart DC Community workshop)

Chiang Mai, Thailand 11 November 2014

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Tuesday 11 Nov	vember, 2014 Mai Rajabhat University, Chiang Mai Province
8:00 - 9:00	Registration
9:00 - 9:10	Welcome address
	by DEDE, speaker to be confirmed
9:10 - 9:20	Opening remarks
	by Cary Bloyd, Project Overseer, Pacific Northwest National Laboratory/U.S. Department of Energy
9:20 - 9:50	Introduction to the project and objectives of the workshop
	by Pierre Cazelles, International Copper Association Asia (ICA), Copper Alliance
9:50 - 10:20	Coffee Break and Group Photo
Session 1	Training curriculum for installers and designers in solar PV rooftop systems
10:20 - 11:30	Presentation of the training curriculum, by Andre Susanto, PV expert, Castlerock Asia
11:30 - 12:30	Roundtable discussion to gather comments and suggestions in order to prepare for finalization, moderated by Pierre Cazelles, ICA
12:30 - 13:45	Lunch
Session 2	Recommendations for the establishment of national training and certification programs for solar PV rooftop installers and system designers
13:45 - 14:00	Introduction to the session, rationale and objectives, by Pierre Cazelles, ICA
14:00 - 14:20	Benefits of national certification programs, the US experience, by Derek Greenauer, UL (invited)
14:20 - 15:30	Presentation of the recommendations for establishment of national training and certification programs, part 1; by Pierre Cazelles, ICA
15:30 - 16:00	Coffee Break
16:00 - 17:00	Presentation of the recommendations for establishment of national training and certification programs, part 2; roundtable discussion for suggestions and recommendations; moderated by Pierre Cazelles, ICA
Session 3	Next steps
17:00 - 17:45	Discussion regarding interest by APEC developing economies in establishing



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	national training and certification programs, discussion on technical assistance required; moderated by Cary Bloyd, Pacific Northwest National Laboratory
17:45	Closing remarks
	by Cary Bloyd, Pacific Northwest National Laboratory
18:00	End of workshop

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ASIA PACIFIC ECONOMIC COOPERATION (APEC) Rural Electrification Project Site Visit

Chiang Mai, Thailand

14 November 2014

Draft

14 November 2014 Venue: Rural Electrification Project Site Visit in Chiang Mai		
07.00	Pick up at meeting point	
07.00 - 08.30	Travel to Mae Kam Pong; A community Hydro Power Plant	Thailand
08.30 – 10.00	Mae Kam Pong; - Overview Presentation; Mr.Anucha Anantasan, Director of Operation and Maintenance Group, Alternative Energy Development Bureau, DEDE - Discussion on Community Participation and Key success *Coffee Break will be serve during the session	
10.00 – 11.00	Travel to R.P.M. Farm and Feed Co.,Ltd (CBG Station from Livestock Farm)	
11.00 – 12.30	R.P.M. Farm and Feed Co.,Ltd (CBG Station from Livestock Farm) - Overview Presentation and Site Visit By ERDI	Thailand
12.30 – 14.00	Lunch	
14.00	Back to Hotel / Airport	