Appendix 2.
Summary of the Symposium on Sustainable Power Mix in the Future

Date & Time: 09:00 – 17:20, 20 November 2015
Meeting Venue: The Library, Novotel Bangkok on Siam Square, Bangkok, Thailand

Agenda:

08:00-09:00  Registration and Refreshment

09:00-09:10  Welcoming and Opening Remarks
Dr Dawan Wiwattanadate, Director, CU-ERI, Thailand

09:10-09:20  Keynote Address
Mr Akihiko Uchikawa, Minister – Economic Section, Embassy of Japan in Thailand, Japan

09:20-09:50  Special Lecture 1
Thailand’s Energy Policy and Power Development Plan
Dr Twarath Sutabutr, Director-General, Energy Policy and Planning Office (EPPO), Ministry of Energy (MOEN), Thailand

09:50-10:20  Introductory Lecture
The Importance of Power Supply Mix on Energy Security and Sustainable Development
Dr Yanfei Li, Energy Economist, Energy Unit, Economic Research Institute for ASEAN and East Asia (ERIA)

10:20-10:40  Photo Session and Coffee Break

10:40-12:40  Session 1: Current Situation of Power Policy and Coal Power Generation and Perspectives in ASEAN and East Asia
Moderator: Dr Weerin Wangjiraniran, Researcher, CU-ERI, Thailand
10:40-11:10 Coal Power Generation in ASEAN Countries and its Role in Energy Security
Dr Joni Jupesta, Manager of Policy Research and Analytics Programme, ASEAN Centre for Energy (ACE)

11:10-11:40 Power Policy and National Development Plan in Indonesia
Mr Jarman, SOE Leader of Indonesia, Director General for Electricity, Ministry of Energy and Mineral Resources (MEMR), Indonesia

11:40-12:10 Power Policy and National Development Plan in Malaysia
Mr Somasundram Ramasamy, Senior Undersecretary, Energy Division, Ministry of Energy, Green Technology and Water (KeTTHA), Malaysia

12:10-12:40 Coal Power Generation in India and its Role in Economic Efficiency
Mr Prosanto Pal, Senior Fellow, The Energy and Resources Institute (TERI), India

12:40-14:00 Lunch Break

14:00-14:30 Special Lecture 2
Clean Technology and Thailand’s Coal-fired Power Plant Pollution Control Policy
Dr Wijarn Simachaya, Director General, Pollution Control Department, Ministry of Natural Resources and Environment (MNRE), Thailand

14:30-15:10 Session 2: Clean Coal Technology – Current Status and Perspectives
20 minutes presentation + 5 minutes Q&A
Moderator: Dr Viboon Sricharoenchaikul, Deputy Director, CU-ERI, Thailand
Issues to be Discussed: Technology, Project Management, and Finance

14:30-15:00 Economic Benefits of Introduction of CCT in the EAS Region
Dr Phoumin Han, Energy Economist, Energy Unit, ERIA
15:00-15:30 Achievements and Future Activities in Operation of Clean Coal Technology

Mr Atsushi Kimura, Manager of Mechanical Engineering Group, Fukushima IGCC Design Center, Thermal Power Department, Fuel & Power Company, Tokyo Electric Power Company, Inc. (TEPCO), Japan

15:30-15:50 Coffee Break

15:50-17:30 Session 3: Social Prospects of Power Generation Business

20 minutes presentation +5 minutes Q&A

Moderator: Dr Sopitsuda Tongsopit, Researcher, CU-ERI, Thailand

Issues to be Discussed: Environmental Aspects, and Social Acceptance

15:50-16:20 Public Acceptance on Nuclear and Coal Power in European Countries

Ms Tomoko Murakami, Senior Economist, Manager of Nuclear Energy Group, Strategy Research Unit, IEEJ, Japan

16:20-16:50 Public Concerns on Coal/Nuclear and Risk Communications

Prof Surichai Wun'geao, Former Director, CU-SRI, Thailand

16:50-17:20 Public Communication and Public Acceptance on Coal Power Plant

Mr Veerapon Puangpitayavut, External Relations Director, BLCP Power Station, Thailand

17:20 Closing Remarks

Mr Ichiro Kutani, Assistant to Managing Director, Senior Economist, Manager of Global Energy Group 1, Strategy Research Unit, IEEJ, Japan
Minutes of the Symposium:

(1) On November 20, 2015, the Symposium on Sustainable Power Supply Mix in the Future was supported by Economic Research Institute for ASEAN and East Asia (ERIA) and co-organised by The Institute of Energy Economics, Japan (IEEJ) and Energy Research Institute of Chulalongkorn University (CU-ERI) at Novotel Bangkok on Siam Square in Bangkok, Thailand.

(2) The purpose of the symposium was to share information and to discuss policies necessary to enable sustainable power supply mix in ASEAN and East Asian countries, focusing on coal power generation. The symposium was broken into an introductory lecture session and three sectoral sessions followed by Q&A.

(3) In the Introductory Lecture Session, experts from Ministry of Energy (MOEN), Thailand and ERIA gave a lecture on the current status and the outlook of energy policies and energy mix in Thailand and EAS region.

(4) In Session 1, panellists from ASEAN Centre for Energy (ACE), Ministry of Energy and Mineral Resources (MEMR), Indonesia, Ministry of Energy, Green Technology and Water (KeTTHA), Malaysia, and The Energy and Resources Institute (TERI), India introduced the outlook of energy mix in ASEAN region and explained the importance of coal resource utilisation. After the presentation, based on the questions from participants, issues such as a financial support for the development of high-efficient coal power plants (e.g. IGCC) and international electricity trades among ASEAN countries were discussed.

(5) In Session 2, an expert from Ministry of Natural Resources and Environment (MNRE), Thailand explained that in Thailand, development of coal power generation is getting more and more difficult due to environmental regulation. Then, Tokyo Electric Power Company, Inc. (TEPCO), Japan introduced the current status of implementation of coal power plants using clean coal technology (CCT) in their supply area in Japan. Some participants commented that they are eagerly hoping for an introduction of the CCT from Japan.

(6) In Session 3, three panellists from IEEJ, Japan, Rotary Peace Center, CU, Thailand, and BLCP Power Station, Thailand introduced the methods and actual efforts to improve public acceptance of coal power in European countries and in Thailand. Through discussion, participants found that it is necessary for local communities to be convinced of not only the environmental adaptability of the coal power plants, but also the benefits gained for them to go ahead with the construction projects.
(7) Through the symposium, the importance of high-efficient coal power generation to achieve the sustainable power supply mix was commonly recognised by the participants and the way to resolve issues such as finance support, technology development and public acceptance were actively discussed.