

Agenda

Workshop

on

“Prospects of Clean Energy Transformation and Role of Coordinated Generation and Transmission Planning for Optimal and Sustainable Cross Border Energy Trade in South Asia”



18-19, June 2023, Le Meridien, New Delhi, India

**Jointly Organised
by
South Asia Group on Energy (SAGE) at
Research and Information System for Developing Countries (RIS)
&
USAID’s South Asia Regional Energy Partnership (SAREP)**

Agenda

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18 -19 June 2023, Desire, Le Meridien, New Delhi, India

AGENDA	
Day-1, Sunday, 18 June 2023, Desire, Le Meridien, New Delhi, India	
09:00 - 09.30 Hrs.	Registration & Tea/Coffee
09.30 - 11.30 Hrs.	Session-I: Inaugural Session
09.30 - 09.40 Hrs.	Welcome Address: Professor Sachin Chaturvedi, Director General, Research and Information System for Developing Countries (RIS)
09.40 - 09.55 Hrs.	Setting the Context: Clean Energy Transition in South Asia- Imperatives and Opportunities by Mr. R. V. Shahi, Chairman, South Asia Group on Energy (SAGE – RIS) & Distinguished Fellow, RIS.
09.55 - 10.10 Hrs.	Special Address by Ms. Karen Klimowski, Mission Director (A), United States Agency for International Development (USAID), India
10.10 - 10.25 Hrs.	Special Address by Md. Habibur Rahman, Senior Secretary, Power Division, Ministry of Power, Energy and Mineral Resources (MPEMR), Government of Bangladesh
10.25 - 10.40 Hrs.	Special Address by Mr. Karma Tshering, Secretary, Ministry of Energy and Natural Resources, Royal Government of Bhutan
10.40 - 10.55 Hrs.	Special Address by Shri. Alok Kumar, Secretary, Ministry of Power, Government of India
10.55 - 11.10 Hrs.	Special Address by Shri. Dinesh Kumar Ghimire, Secretary (Energy), Ministry of Energy, Water Resources, and Irrigation (MOEWRI), Government of Nepal
11.10 - 11.25 Hrs.	Special Address by Mr. M P D U K Mapa Pathirana, Secretary, Ministry of Power, Government of Sri Lanka
	Inaugural Address by Mr. Nasrul Hamid, MP, Hon’ble State Minister, Ministry of Power, Energy & Mineral Resources, Government of Bangladesh
11.25 - 11.30 Hrs.	Vote of thanks by Mr. John Smith-Sreen, Director, Indo-Pacific Office, United States Agency for International Development (USAID), India
11.30 - 11.45 Hrs.	Tea Break
11.45-13.30 Hrs.	Working Session-I: “Electricity Generation Planning in South Asian Countries and perspectives for clean energy transition and advancing Cross Border Energy Trade in South Asia”
This session will focus on:	
❖ Current ecosystem (Policy, Regulatory, Technical, Commercial, Institutional and market frameworks) for Electricity Generation Planning of each South Asian countries.	
❖ Present the Electricity Generation Plans of South Asian countries including any planned cross border electricity export and import scenarios by South Asian (SA) countries.	
❖ Role of current Generation Plans in meeting the clean energy transitions goals both nationally and regionally (if any).	
❖ Challenges in developing Electricity Generation Plans and possible solution to overcome challenges.	
11.45-11.55 Hrs.	Opening Remarks by Session Chair and Concluding Remarks by Co Chair
	Mr. Dinesh Kumar Ghimire, Secretary (Energy) Govt of Nepal. Mr. Ghanshyam Prasad, Chairperson, Central Electricity Authority (CEA)
11.55-13.10 Hrs.	Presentation by South Asian Countries (15 Minutes each)
	<ol style="list-style-type: none"> 1. Mr. Md. Jahangir Alam Mollah, Director(A), IPP Cell-3, Bangladesh Power Development Board (BPDB), Bangladesh. 2. Ms. Kuenga Choden Dorji, Executive Engineer, Energy Resource Development Division, Department of Energy, Ministry of Energy and Natural Resources, Royal Government of Bhutan. 3. Shri. Ashok Kumar Rajput, Member, Power System, Central Electricity Authority (CEA), India



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	<ol style="list-style-type: none"> 4. Mr. Ronald Comester, Additional General Manager, Ceylon Electricity Board, Sri Lanka. 5. Mr. Rajiv Ratna Panda, Power Market Specialist, SAREP- Presentation on Clean Energy Transition in South Asia: Current Scenario and Future Outlook
13.10 - 13.25 Hrs.	Open Discussion, Question and Answer
13.25 - 13.30 Hrs.	Closing Remarks by Session Co Chair, Mr. Ghanshyam Prasad, Chairperson, CEA
13.30 - 14.30 Hrs.	Lunch Break
14.30 - 17.00 Hrs.	Working session II: “Electricity Transmission Planning in South Asian Countries and perspectives for clean energy transition and advancing Cross Border Energy Trade in South Asia”

This session will focus on:

- ❖ Current ecosystem (Policy, Regulatory, Technical, Commercial, Institutional and market frameworks) for Electricity Transmission Planning of each South Asian countries.
- ❖ Present the Electricity Transmission Plans of South Asian countries including any planned cross border electricity export and import scenarios by South Asian (SA) countries.
- ❖ Role of current Transmission Plans in meeting the clean energy transitions goals both nationally & regionally (if any).
- ❖ Challenges in developing Electricity Transmission Plans and possible solution to overcome challenges.

14.35 - 14.45Hrs	Opening Remarks by Session Chair and Concluding Remarks by Co Chair	Shri K. Sreekant, Chairman & Managing Director, Power Grid Corporation of India Limited. Mr. Mohammad Hossain, Director General, Power Cell, Power Division, MPEMR, Bangladesh.
14.45 - 16.15 Hrs.	Presentation by South Asian Countries (15 Minutes each)	
	<ol style="list-style-type: none"> 1. Mr. Kinley Jamtsho, Executive Engineer, Power System and Market Division, Department of Energy, Ministry of Energy and Natural Resources, Royal Government of Bhutan. 2. Shri Abhay Choudhary, Chairman/ Director, Central Transmission Utility (CTU), India 3. Mr. Ishan Sharan, Chief Engineer, Power System Planning & Project Appraisal-II Division, Central Electricity Authority, India 4. Dr. Netra Prasad Gyawali, Chief Executive Officer, Rastriya Prasaran Grid Company Limited, Nepal. 5. Mr. Lakshitha Weerasinghe, Deputy General Manager (Transmission & Generation Planning), Ceylon Electricity Board (CEB), Sri Lanka 	
16.15 - 16.45 Hrs.	Open Discussion, Question and Answer	
16.45 - 17.00 Hrs.	Closing Remarks by Session Co Chair, Mr. Mohammad Hossain, Director General, Power Cell, Power Division, MPEMR, Bangladesh.	
17.00 - 17.30 Hrs.	High Tea	

End of Day-2

Day-2, Monday, 19 June 2023, Desire, Le Meridien, New Delhi, India

10.00 - 11.30Hrs	Working Session III- “Need for Regional, Complementary approach to meet the clean energy transitions plans through Coordinated, Complementary Regional Electricity Generation and Transmission Planning”
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This session will focus on:

- ❖ Current ecosystem (Policy, Regulatory, Technical, Commercial, Institutional and market frameworks) for regional planning of Electricity Generation and Transmission Planning of each South Asian countries.
- ❖ Need for regional, complementary planning approach to meet the clean energy transitions plans through Coordinated, Complementary Electricity Generation and Transmission Planning.
- ❖ Opportunity and challenges of Developing Coordinated, Complementary Regional Generation and Transmission plan (CCRGTP) and associated integrated system operation requirements for optimal and affordable generation and transmission infrastructure development.
- ❖ Regional approach for developing a South Asia Regional Power Grid and Greening the Grid for cross border clean energy trade.
- ❖ Developing regional institutional mechanism/network/forums for coordinated transmission planning and integrated system operation on a sustained basis, sharing international experiences and best practices in regional system planning.



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❖ Role of Regional, Complementary planning in holistically factoring in evolving dynamics in the power system such as renewable energy, energy storage, hydrogen economy, penetration of Electric vehicle, energy efficiency, demand side management electric cooking and roof top solar etc. for optimal and affordable generation and transmission infrastructure development and Sustainable Cross Border Energy Trade in South Asia.

10.00 - 10.05Hrs	Opening Remarks by Session Chair	Mr. Sugath Darmakeerthi, Additional Secretary, Ministry of Power, Government of Sri Lanka
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10.05 - 11.50 Hrs.	Presentation by South Asian Countries on “Opportunity and challenges for developing regional planning approach to meet the clean energy transitions plans through Coordinated, Complementary Electricity Generation and Transmission Planning and integrated system operation in South Asian Countries and suggestions and way forward “(15 Minutes each)	
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1. Mr. Rajiv Ratna Panda, Power Market Specialist, SAREP on “International experiences and best practices in regional Power system planning and developing Regional Institutional Mechanism”
2. Mr. Mohammad Hossain, Director General, Power Cell, Power Division, MPEMR, Bangladesh.
3. Mr. Sonam Tobjey, CEO, Bhutan Power Corporation, Royal Government of Bhutan.
4. Mr. Rajesh Kumar, Senior General Manager, Power Grid Corporation of India Ltd, India
5. Dr. Netra Prasad Gyawali, CEO, Rastriya Prasaran Grid Company Limited, Nepal.
6. Mr. Lakshitha Weerasinghe, Deputy General Manager (Transmission & Generation Planning), CEB, Sri Lanka

11.50 - 12.00 Hrs.	Open Discussion, Question and Answer	
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12.00 - 12.05 Hrs.	Closing Remarks by Mr. Sugath Darmakeerthi, Additional Secretary, Ministry of Power, Government of Sri Lanka	
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12.05 - 12.15 Hrs.	Tea Break	
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12.15 - 12.55 Hrs.	Working Session IV- Recommendations and Way forward for accelerating the Clean Energy Transformation through Coordinated Generation and Transmission Planning for Optimal and Sustainable Cross Border Energy Trade in South Asia	
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This session will focus on:

❖ Recommendations and way forward for accelerating the Clean Energy Transformation through Coordinated Generation and Transmission Planning for Optimal and Sustainable Cross Border Energy Trade in South Asia.

12.15 - 12.25 Hrs.	Session Chair and Moderator: Mr. R. V. Shahi, Chairman, South Asia Group on Energy (SAGE)- Research and Information System for Developing Countries and Distinguished Fellow, RIS	
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12.25 - 12.35 Hrs.	Presentation on the Draft Recommendations and way forward for “accelerating the Clean Energy Transformation through Coordinated Generation and Transmission Planning for Optimal and Sustainable Cross Border Energy Trade in South Asia” by Mr. V K Agrawal, Senior Advisor, SAREP	
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12.35 - 12.50 Hrs.	Open Discussion on the draft text on “Recommendations and way forward for accelerating the Clean Energy Transformation through Coordinated Generation and Transmission Planning for Optimal and Sustainable Cross Border Energy Trade in South Asia” and finalization of the same	
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12.50 - 12.55 Hrs.	Closing Remarks by Session Chair, Mr. R. V. Shahi, Chairman, South Asia Group on Energy- Research and Information System for Developing Countries and Distinguished Fellow, RIS	
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12.55 - 13.20 Hrs.	Working Session V- Valedictory Session of the Workshop	
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12.55 - 13.15 Hrs.	Valedictory address by Mr. Harsh Vardhan Shringla, Chief Coordinator (G20) and Former Foreign Secretary, Government. of India	
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13.15 - 13.20 Hrs.	Way forward and Vote of Thanks by Ms. Monali Zeya-Hazra, Regional Energy Manager and Clean Energy Specialist, USAID, India	
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13.20 - 14.30 Hrs.	Lunch	
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14.30 - 17.00 Hrs.	Open Time for site visit in Delhi	
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End of the Workshop

Day-3, Tuesday, 20 June 2023, Le Meridien, New Delhi, India

10.00 AM Onwards	Delegates depart from India	
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