



SAARC Energy Centre
Islamabad

Program Schedule
(13th October 2025)

Capacity Building on “Advance & Innovative Transmission System Design and Optimization: Professionals from Bhutan” on 14th-16th Oct 2025

Organizer: SAARC Energy Center, Islamabad

Collaborating Partners: Department of Energy and Bhutan Power Corporation, Bhutan

Venue: Norkhil Boutique Hotel and Spa, Thimphu

Day 1 (14th October 2025)	
Inaugural Session	
0900 – 0930	Registration
0930 – 0935	Introduction by Mr. Tula Ram Poudel , Program Coordinator, SAARC Energy Center
0935 – 0940	Welcome Remarks by Mr. Kesang , General Manager, Transmission Operation & Maintenance Division, BPCL
0940 – 0950	Introduction by Resource Persons: Mr. Hassan Zaffar Zaidi , Chief Executive Officer, Power Planners International, Pakistan Dr. Netra Prasad Gyawali , Associate Professor, IOE, Tribhuvan University, Nepal Mr. Syed Mahmudul Hasan , Senior Transmission Line Designer, ETCBL Global, Bangladesh
0950 – 1010	Key Note Speech by Karma P Dorji , Director General, Department of Energy, MoENR
1010 – 1045	Photo Session/ Refreshment/
Dignitaries (From Bhutan): Mr. Karma P Dorji, Director General, Department of Energy, MoENR Mr. Dawa Chhoedron, Chief Engineer, Power System and Market Division, Mr. Sonam Tshering, Offtg. Chief Engineer, Energy Strategy and Planning Division Mr. Sonam Tobghey, Chief Executive Officer, Bhutan Power Corporation Limited Mr. Kesang, General Manager, Transmission Operation & Maintenance Division, BPCL	
Technical Session	
Theme: Power System Basic, Power Flow Analysis, and Transmission Expansion Planning	
1045-1100	Overview of Bhutan Power System Speaker: Ms. Nanda Kumari
1100 – 1215	Session 1.1 General Principle and Recent Trend of Transmission System Instructor: Mr. Hassan Zaffar Zaidi
1215– 1220	Break
1220 – 1335	Session 1.2 Principle of Power Flow Study Instructor: Mr. Hassan Zaffar Zaidi
1335– 1430	Lunch Break
1430 – 1545	Session 1.3 Transmission System Expansion Planning Instructor: Dr Netra Prasad Gyawali
1545– 1555	Tea break



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1555– 0500	Session 1.4 Interactive Session on Regional Perspective of Transmission System Planning (Bangladesh/Bhutan/Nepal/Pakistan/SAARC) Led by: <i>Dr. Netra Prasad Gyawali</i>
Day 2 (15th October 2025)	
Theme: Engineering Transmission Lines Design and & Renewable Power Integration	
0930– 1100	Session 2.1 Transmission Line Design Engineering Instructor: <i>Mr. Syed Mahmudul Hasan</i>
1100– 1115	Tea Break
1115– 1300	Session 2.2 Transmission Line Design Engineering (Cont...) Instructor: <i>Mr. Syed Mahmudul Hasan</i>
1300– 1345	Lunch Break
1345– 1500	Session 2.3 Renewable Integration & Modern Grid Operations Instructor: <i>Dr. Netra Prasad Gyawali</i>
1500– 1515	Tea Break
1515– 1630	Session 2.4 Renewable Integration & Modern Grid Operations (Cont..) Instructor: <i>Dr. Netra Prasad Gyawali</i>
Day 3 (16th October 2025)	
Theme: Hands-On Computational Tool Training	
0930– 1100	Session 3.1 Mastering Transmission Line Design with PLS-CADD Instructor: <i>Mr. Syed Mahmudul Hasan</i>
1100– 1115	Tea Break
1115– 1300	Session 3.2 Mastering Transmission Line Design with PLS-CADD (Cont....) Instructor: <i>Mr. Syed Mahmudul Hasan</i>
1300– 1345	Lunch Break
1345– 1500	Session 3.3 Power System Analysis with Computational Tools using PSS/E Instructor: <i>Mr. Hassan Zaffar Zaidi/Dr. Netra Prasad Gyawali</i>
1500– 1515	Tea Break
1515– 1630	Session 3.4 Power System Analysis with Computational Tool using PSS/E (Cont...) Instructor: <i>Mr. Hassan Zaffar Zaidi/ Dr. Netra Prasad Gyawali</i>
1630– 1645	Closing and Certificate Distribution