

DRAFT AGENDA

DAY 1 – TECHNICAL ISSUES	
SESSION 1 – INAUGURAL SESSION	
09:00 – 09:10	Welcome address by Mr. Markus Wypior, Director, Indo-German Energy Forum (IGEF) – Support Office
09:10 – 09:20	Inaugural speech by Mr. Alok Srivastava, Joint Secretary, Ministry of New and Renewable Energies (MNRE), Government of India (GOI)
09:20 – 09:30	Inaugural speech by Mr. Wolfdieter Boehler, Federal Ministry of Economics and Energy (BMWe), Federal Government of Germany
09:30 – 10:00	Current status of renewable energy transmission in India – Power Grid Corporation (PGCIL), GOI
10:00 – 10:30	Brief on the Renewable Regulatory Fund of India – CERC, GOI
SESSION 2 – FORECASTING OF RENEWABLE ENERGY GENERATION AND ENERGY DEMAND	
10:30 – 11:00	RE Forecasting – RE Resource and Forecasting for grid integration – <i>Indian perspective – MNRE, GOI</i>
11:00 – 11:40	Solar Forecasting – Solar radiation and solar energy forecasting for grid integration - International Energy Agency/University of Oldenburg, Germany (20 mins) - SolarGIS, Slovakia (20 mins)
11:40 – 12:00	Q&A and Discussions
12:00 – 12:20	Wind Forecasting – Wind resources and wind energy forecasting for grid integration – <i>International Perspective</i> - International Energy Agency/University of Oldenburg, Germany
12:20 – 12:40	Wind Forecasting – Wind resources and wind energy forecasting for grid integration – <i>Indian experiences and way forward</i> - WEPROG Germany / Manikaran India
12:40 – 13:00	Q&A and Discussions
13:00 – 14:00	LUNCH
SESSION 3 – BALANCING AND SCHEDULING OF RE POWER	
14:00 – 14:30	Balancing and Scheduling of Renewable Energy with other sources for optimum grid operations – <i>International Perspective on the development of a methodology</i> - Fraunhofer IWES, Germany
14:30 – 15:00	Balancing and Scheduling of Renewable Energy with other sources for optimum grid operations – <i>Indian experiences in implementation</i> - DNV GL, India
15:00 – 15:30	Q&A and Discussions
15:30 – 15:45	COFFEE BREAK
15:45 – 16:15	Cost of Balancing Renewable Energy with other sources – <i>Sample Market Operation German Power System on a high-RES-penetration da</i> – <i>RES induced Reserve Requirements</i> – <i>Case Study: Cost of Balancing RES</i> – <i>Conclusion</i> - Lahmeyer International, Germany
16:15 – 16:30	Q&A and Discussions
16:30 – 17:00	Balancing and Scheduling Renewable Energy with other sources for optimum grid operations – <i>Current practices and future plans in India – POSOCO, GOI</i>
17:00 – 17:05	Closing Remarks for the day
19:00 – 21:00	NETWORKING DINNER

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DAY 2 – FINANCIAL AND POLICY ISSUES	
SESSION 4 – FINANCIAL ISSUES FOR THE FORECASTING, BALANCING AND SCHEDULING OF RENEWABLE ENERGY SOURCES	
10:00 – 11:30	Current practices and lessons learnt in Forecasting, Balancing and Scheduling by the Indian states – <i>30 minutes presentations each for</i> - Tamil Nadu (<i>30 mins</i>) - Rajasthan (<i>30 mins</i>) - Gujarat (<i>30 mins</i>)
11:15 – 11:45	Q&A and Discussions
11:45 – 12:00	COFFEE BREAK
12:00 – 12:30	Overview of the financial mechanisms to support the Forecasting, Balancing and Scheduling practices – <i>International Regulatory perspective</i> - ECOFYS, Germany
12:30 – 13:00	Q&A and Discussions
13:00 – 14:00	LUNCH
SESSION 5 – POLICY ISSUES AND CAPACITY BUILDING NEEDS FOR THE FORECASTING, SCHEDULING AND BALANCING OF RE SOURCES	
14:00 – 14:30	Policy and Regulatory frameworks for German and European grid planning as well as Advantages of Integrated Planning of energy generation and grid management - RE Grid Initiative, Germany
14:30 – 15:00	Policy initiatives to support Unified Grid Codes – <i>International perspective</i> - Fraunhofer IWES, Germany
15:00 – 15:30	Q&A and Discussions
15:30 – 15:45	COFFEE BREAK
15:45 – 16:15	Institutional Set Up and Policy Outlook for improved Forecasting, Balancing and Scheduling practices for large scale grid integration of renewable energy – <i>Indian perspective – CEA, GOI</i>
16:15 – 16:30	Q&A and Discussions
SESSION 6 – CLOSING SESSION	
16:30 – 16:40	Closing Remarks by Mr. Alok Srivastava, Joint Secretary, Ministry of New and Renewable Energies (MNRE), Government of India
16:40 – 16:50	Closing Remarks by Mr. Wolfdieter Boehler, Federal Ministry of Economics and Energy (BMWe), Federal Government of Germany
16:50 – 17:00	Closing Remarks by Mr. Markus Wypior, Director, Indo-German Energy Forum (IGEF) – Support Office