



Fostering Renewable Energy Markets in Pakistan

Guidebook Launch, Exploring CTBCM & Power System Planning

Venue: Ballroom A Hall, Pearl Continental, Karachi, March 2nd, 2023

10:00 AM – 2:00 PM

Renewables First invites you to the launch event of its On-Grid Renewables Project Development Guidebook, followed by its findings on the true least cost potential of renewable energy in Pakistan based on its Renewables First's PLEXOS model of the national generation system. The second half of the event will consist of an intensive consultative session with RE developers around CTBCM to bring their major concerns and suggestions to light.

Renewables First is a Pakistan-based think tank for energy and the environment. It is striving for a just and inclusive energy transition in Pakistan by forging collaborations between the market and the government through multi-stakeholder engagements.

The RE Developers Forum is an initiative of Renewables First, taken last year to educate, train, and strengthen local RE markets. The forum hopes to open up new partnerships and networking opportunities for its members and support the development of the private sector and strong domestic supply chains. The latest meeting of the RE Developers' Forum was organized on Aug 22, 2022, in Karachi and was attended by several industry experts, developers and renewable energy professionals who shared their concerns around CTBCM, project approvals, one-window solutions, wheeling, market growth, investor confidence, privatization of DISCOs and auctions.

PROGRAM DETAILS

Launch of On-Grid Renewables Project Development Guidebook:

The RE Development Guidebook by Renewables First targets all key stakeholders including government, private developers, financial institutions, banks, and international and local investors. The guidebook outlines the key agencies involved in the renewable energy development process and provides information on how to engage and collaborate with them. The guidebook is a living document whose first edition features the process for the upcoming 600 MW Solar Plant at Muzaffargarh under the Solar Fast Track Program whereas future versions will be updated regularly to include new renewable projects, procedures and guidelines as they evolve.

Least Cost Potential of Renewables in National Grid: A PLEXOS Analysis:

The National Indicative Generation Capacity Expansion Planning (IGCEP) document which is prepared by NTDC and approved by the regulator NEPRA utilizes state-of-the-art software PLEXOS for selecting and optimizing different generation types and projects. However, the candidate capacity of renewables provided to the software for optimization is subject to several constraints which limit their selection. Renewables First has acquired a PLEXOS license to conduct an independent study concerning the true least-cost potential of renewables in the national electricity grid. The preliminary findings of this study will be presented and discussed with the participants.

Exploring CTBCM Concerns and Suggestions through RE Developers Forum:

During previous meetings of the RE Developers Forum in Karachi, RE developers repeatedly raised concerns about the lack of clarity on the upcoming Competitive Trading and Bilateral Contracts Market (CTBCM) and the Commercial and the Market Commercial Code. Taking the initiative forward, Renewables First has engaged itself in facilitating a dialogue between the government and the private sector to educate and communicate concerns around CTBCM as well as to facilitate its future development based on the collective feedback from the developers. RE developers are some of the key market players in the CTBCM model and the successful implementation of CTBCM in its true spirit and vision hinges upon their participation. During this session, RE developers will get a chance to familiarize themselves with CTBCM and the Market Commercial Code through presentations by expert panelists from the private sector. Participants will also be able to raise their concerns and interventions needed for a meaningful and effective market transition, which can support not only the private sector but also contribute towards strengthening the national economy as a whole.

PROGRAM AGENDA

Time	Session	Speaker
Registration & Refreshments: 10:00 AM		
10:30 AM – 10:45 AM	Keynote Address by the Chief Guest	Dr Shamshad Akhtar
Launch of On-Grid Renewables Project Development Guidebook		
10:45 – 11:00 AM	Opening Address	Shah Jahan Mirza

11:00 – 11:15 AM	Brief Overview of the Guidebook	Muhammad Basit Ghauri (Renewables First)
11:15 – 11:25 AM	Guidebook Handover Ceremony & Group Photo	
Least Cost Potential of Renewables in National Grid: A PLEXOS Analysis		
11:25 – 11:45 AM	Presentation	Ammar Qaseem (Renewables First)
Exploring CTBCM Concerns and Suggestions through RE Developers Forum		
11:45 – 12:05 PM	Brief Introduction to CTBCM – Industry Perspective	Abubakar Ismail (Amreli Steels)
12:05 – 12:50 PM	Expert Discussion on CTBCM	<p style="text-align: center;">Moderator M. Shehram Alam (Renewables First)</p> <p style="text-align: center;">Panel Omar Malik (Shams Power) Tayyaba Rasheed (Faysal Bank) Talal Amjad (REON Energy) Syed Sohail Ali (Bridge Factor) Usman Hasan (Engro Energy)</p>
12:50 – 01:30 PM	Open Discussion around CTBCM by RE Developers	
Closing Remarks & Lunch: 1:30 – 2:30 PM		