

Dialogue

Greening C&I segment's electricity consumption**Unlocking the potential for small and medium corporates**01 August 2023 | 1000 - 1400 IST | Casuarina, India Habitat Centre, Delhi (*entry from gate 3*)**Objective**

The Centre for Energy Finance at the Council on Energy, Environment and Water (CEEW-CEF) is pleased to invite you to a **'Dialogue on greening C&I segment's electricity consumption'**. This event will feature (a) demonstration of CEEW-CEF's **'Advanced Open Access Landed Cost Calculator'** (OA calculator), (b) a session on first-hand perspectives of RE open access developers and consumers and (c) panel discussion on **'Unlocking India's RE open access potential'**.

Context

Electricity generation accounts for **40 per cent of India's greenhouse gas (GHG) emissions**. A significant share of these emissions comes from the commercial and industrial (C&I) segment, which accounts for 37 per cent of total electricity demand. Consequently, to reduce GHG emissions and supply green electricity to consumers, the country has set a target of achieving 500 GW of non-fossil-based generating capacity by 2030. **Renewable energy (RE) capacity added through open access (OA) can contribute significantly to the achievement of national targets.**

In this context, on the one hand, progress has been made on the OA front, with many C&I consumers committing to 100 per cent RE. Two primary factors beyond savings are driving corporates towards RE OA. **First**, large corporates are coming under the ambit of **the Business Responsibility and Sustainability Report (BRSR) framework**, in which **scope 2 emissions** are a mandatory disclosure category. **Second**, the Ministry of Power (MoP) released the Electricity (promoting renewable energy through green energy open access) Rules in 2022 to **encourage corporates to green their electricity consumption**. Through this rule, the threshold contract demand to avail OA was reduced from 1 MW to 100 kW, opening the door for small and medium corporates to switch to green electricity consumption.

However, **several challenges still remain**; the principal among them are **opacity around OA charges, effective landed cost of power, and resulting savings**. CEEW-CEF's OA calculator, which will be demonstrated at the event, specifically **solves these challenges**. In addition, the **event will provide a platform to discuss and debate** other challenges as well as the opportunities that lie ahead for greening the electricity consumption of corporate India.

About the Advanced Open Access Landed Cost Calculator

CEEW-CEF's Advanced Open Access Landed Cost Calculator allows users to determine the landed cost of RE power contracted through private PPAs. The landed cost is the sum of the ex-bus cost of power and various applicable OA charges. The calculator determines applicable OA charges based on input parameters, such as injection and withdrawal states, OA mode (captive or third-party), duration, fuel, and voltage level. As a result, the calculator ultimately allows users to arrive at

economic savings by moving to RE OA.

Proposed Agenda

Time	Agenda
1000 - 1030	Registration and Welcome Tea
1030 - 1035	Welcome Address <i>Gagan Sidhu, Director, CEEW-Centre for Energy Finance</i>
1035 - 1050	Context Setting and Walkthrough OA tool <i>Ruchita Shah, Programme Associate, CEEW-Centre for Energy Finance</i>
1050 - 1105	Special Address <i>Shri Rajnath Ram, Adviser (Power & Energy), NITI Aayog</i>
1105 - 1135	Unfiltered by CEF <i>Sanjay Varma, Director (Tariff), Haryana Electricity Regulatory Commission</i> <i>Shashank Sharma, Founder - Chairman & CEO, Sunsare Energy</i>
1135 - 1235	Panel Discussion and Q/A Unlocking India's renewable energy open access potential <i>Sanjiv Layek, Executive Secretary, World Association for Small and Medium Enterprises</i> <i>Ravindra Kumar Singh, Chief General Manager, Green Climate Finance Vertical, SIDBI</i> <i>Viraj Gadhoke, Managing Director, Vibgyor Energy</i> <i>Pradeep Aggarwal, General Manager - EV Cell and Open Access, BSES Rajdhani Power Ltd.</i> <i>Moderator – Ruchita Shah, Programme Associate, CEEW-Centre for Energy Finance</i>
1235 - 1240	Vote of Thanks <i>Gagan Sidhu, Director, CEEW-Centre for Energy Finance</i>
1240 - 1400	Networking lunch