

# Workshop on installation of Industrial Rooftop Solar System: Prospects & Benefits

11 November 2024

## 1. Background

Bangladesh has achieved robust economic growth in recent times and the major boost comes from the accelerating industrial growth. The country has achieved a steady economic growth of around 6% since 1996 and planning to maintain a growth over 7% in the upcoming years. The major concern of the future is to nurture the industries in sustainable and eco-friendly way.

Being the climate vulnerable country, the Government of Bangladesh has expressed its vision to generate 10% of its electricity from renewable energy sources. Bangladesh has land scarcity for solar project and has huge potential for rooftop solar project. To encourage the rooftop solar project, the Government has approved net metering policy to encourage industries for installation of rooftop project. To support the Government vision, IDCOL is providing soft loan and technical support to the industrialists for installation of rooftop solar project. IDCOL has so far financed 36 rooftop solar projects with a capacity of 98 MWp and set a target to finance 300 MWp rooftop solar by 2026.

The World Bank and German Development Bank though KfW is financing rooftop solar projects of Bangladesh through IDCOL. IDCOL receives technical assistance fund from both the development partners for scaling up the rooftop solar projects.

## 2. About the Workshop

IDCOL recently approached BKMEA, the knitting manufacturers association representing the knitwear industry in Bangladesh, which is a significant sector in the country's economy. BKMEA has approximately 2520 knitwear member factories. In this connection BKMEA has agreed to jointly host a workshop with IDCOL on the prospect of rooftop solar project.

The workshop will discuss various aspects of rooftop solar project including its financial and technical benefits. The workshop will also focus on the net metering benefits for the industries. The workshop will also discuss on how the rooftop solar project can help the BKMEA enlisted companies to reduce their carbon footprint and get more work orders from the Global market.

## 3. Objectives and Outputs

- To discuss various technical and financial benefits of rooftop solar project
- To discuss the specific benefits of rooftop solar project for each company
- IDCOL's financial and technical support for rooftop solar project.
- Key barriers identification and mitigation for rooftop solar project implementation

#### 4. Key Stakeholders

The workshop intends to invite Owner/Chairman, Chief Financial Officer and Chief technical officer of these companies. Management from BKMEA member organizations and IDCOL will also participate in this workshop.

#### 5. Agenda

09:30 AM Arrival of guests

10:00 AM Recitation from the Holy Quran

10:05 AM Welcome speech by Mr. Alamgir Morshed  
Executive Director & CEO, IDCOL

10:10 AM Presentation on financial and technical aspects of rooftop solar by IDCOL

10:30 AM Experience sharing by rooftop solar project sponsors of IDCOL

10:40 AM Speech by Special Guest, **Mr. Mohammad Hatem**  
President, Bangladesh Knitwear Manufacturers and Exporters Association (BKMEA)

Speech by Representative from KFW, Germany

Speech by the Special Guest, **Mr. Md. Abdur Rahman Khan**  
Secretary, Internal Resources Division; and Chairman, National Board of Revenue

Speech by the Chief Guest, **Dr. Muhammad Fouzul Kabir Khan**  
Hon'ble Adviser, Ministry of Power, Energy & Mineral Resources;  
Ministry of Railways; and Ministry of Road Transport and Bridges

Speech by the Chair, **Mr. Md. Shahriar Kader Siddiky**  
Secretary, Economic Relations Division (ERD) and Chairman, IDCOL

11:30 AM Tea Break

11:45 AM Group discussion on rooftop solar project

12:30 PM Q&A Session

12:50 PM Closing remarks by Mr. S. M. Monirul Islam  
Deputy CEO, IDCOL

01:00 PM Lunch

#### 6. Potential outcome of the Workshop

- Increased awareness about rooftop solar projects
- Increase the number of rooftop solar projects
- Assist to achieve the Government vision 2030