

Environmental and Social Monitoring Report

Snowtex Outerwear Ltd. & Snowtex Sportswear Ltd.

Technical Details of the Project

Snowtex Outerwear Ltd. & Snowtex Sportswear Ltd. have a 665 kWp rooftop solar project on their rooftops. Two main equipment to be used in the proposed project are solar panels and inverters. Sun shines on the solar panels to generate DC electricity. DC electricity produced from the solar panel will be converted to 440V 3-phase AC using the inverters. Then, the energy will be fed into the busbars of industry. The aggregated installed capacity of the project will be 665 kWp.

No significant environmental or social concerns are found during the monitoring. The project is not affecting surrounding air, water (surface & groundwater) and noise. Different environmental and social features of the project are given in the table below:

Environmental & Social Features	Status / Availability in & around site	Significance	Remarks
Name and Address: Snowtex Outerwear Ltd. & Snowtex Sportswear Ltd. The project is located at Dhulivita, Dhamrai, Dhaka.			
GPS Coordinates: 23.90881, 90.20797			
Description of the project site: The project is already in COD. The project is located at Dhulivita, Dhamrai, Dhaka. It can be reached in this direction: from Dhaka to Mouchak via Gazipur Chowrasta.			
EHS Observation Summary: - The project is not creating any significant impact on the physical environment like air, water (surface & groundwater) and noise. - ECC is available (where required). - Client has fire license. - There are firefighting and first-aid box arrangements.			
Physical Environment			
1	Type of Land (Purchased/leased land, low/level from road, requirements of landfill)	The project is constructed on rooftop of an existing building.	
Biological Environment			
2	National Park / wildlife sanctuary/ ecologically sensitive areas	Not Observed	
3	Flora and Fauna around the site	Observed	Very low The project won't have any impact on these

Human Environment				
4	Water uses	Water is only used for washing PV panels.	Very low	
5	Prone to flooding or not	The project area is mostly flood free and elevation is higher than normal local flood level.	Very low	
6	Settlements around the project area	Observed around the project area.	Very low	The project won't have any impact on these.
7	Damage to existing infrastructure	No	Very low	
Social Environment				
8	Any local conflicts of interest in the project site	No	Very low	
9	Presence of indigenous or vulnerable communities	No indigenous people have been found in the project area.	Very low	The project won't have any impact on these.
10	Any loss/reduction of access to traditional dependent communities (to areas where they earn for their primary or substantial livelihood)	Not Applicable		
11	Any specific gender issues	No	Very low	
12	Significant issues raised by the stakeholders during consultation	No	Very low	Grievance issues are handled by HR Department.
13	Any accidents or incidents related to solar project	No	Very low	

Pictures of rooftop



Fig 1. Rooftop

OHS Measures



Fig 2. Fire Fighting and First-Aid Box Arrangements