



Edmonton Convention Centre

Introduction

The BIPV modules integration is part of the rehabilitation project for the roof of the main atrium designed by DIALOG. The atrium's cover was built 35 years ago and had serious insulation problems. The building upgrade will help improve climate insulation in the extreme temperatures of the Canadian city.

PROJECT DATA

Project type	renovation
Building use	multifunctional
Building address	9797 Jasper Ave, Edmonton (Alberta), Canada

BIPV systems

BIPV SYSTEM DATA

Architectural system	skylight
Integration year	2020
Active material	monocrystalline silicon
Module transparency	semi-transparent
Module technology	glass-glass, recognizable PV, customized modules
System power [kWp]	150
System area [m²]	1,600
Module dimensions [mm]	several
Modules orientation	South-East
Modules tilt [°]	several
Annual FV production [kWh]	227,000

BIPV SYSTEM COSTS

Stakeholders

Main building designer

B. James Wensley & Associates Architects Ltd

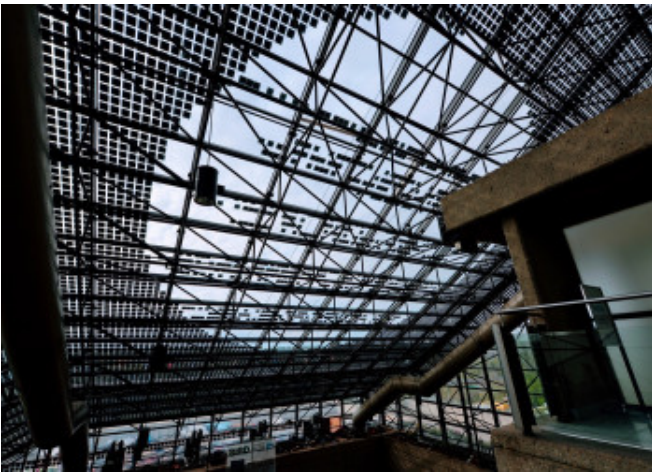
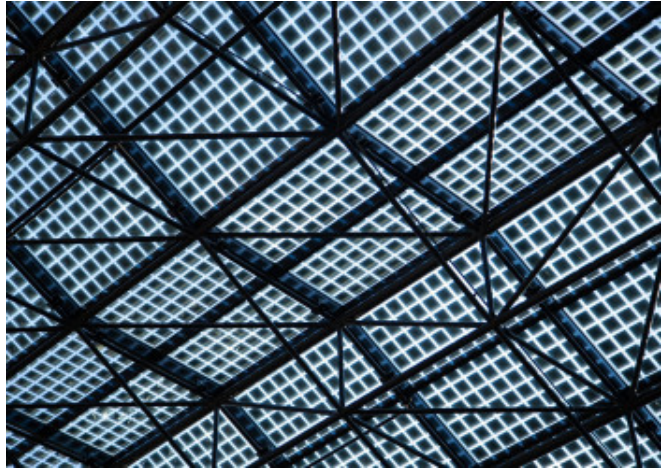
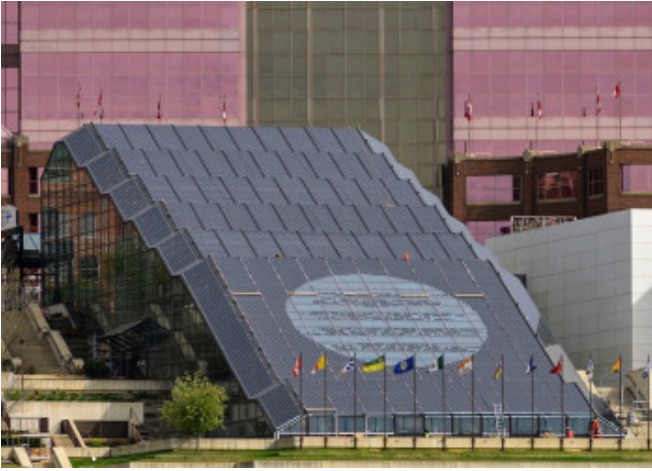
BIPV components producer

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