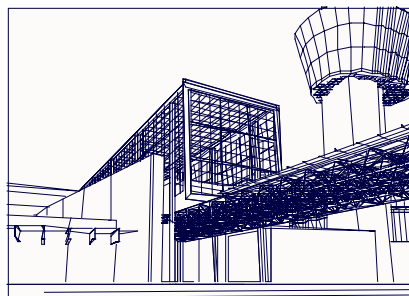


national air & space museum

building-integrated photovoltaic system



Kiss + Cathcart Architects, PV System Designers
 Smithsonian Institution, Client
 National Renewable Energy Laboratory, Client
 Hellmuth Obata & Kassebaum, Building Architects

As an integral part of its huge expansion branch at Washington's Dulles Airport, the National Air & Space Museum is incorporating a building-integrated photovoltaic array as a major energy source. Since the new facility is itself intended to be an exhibit of technologies derived from air and space exploration, the use of solar energy, which has powered satellites and space stations from the 1950's to the present, is especially fitting.

As photovoltaic consultants to the Museum and the Smithsonian Institution, Kiss + Cathcart has collaborated with the National Renewable Energy Laboratory (N-REL) and building architects Hellmuth Obata & Kassebaum to locate areas of the building most suitable for PV integration, identify appropriate PV technologies, and present designs for the selected systems. This project is intended to demonstrate the widest possible range of BIPV technologies and applications; the capacity of the completed building PV systems is anticipated to be as much as one megawatt.

Construction is projected to begin in 1999.

Kiss + Cathcart, Architects
 150 Nassau Street
 New York, NY 10038
 tel. 212 513 1711
 fax. 212 513 7267