

January 31, 2025

Operation of solar power generation facility "Sora x Solar ®" starts at KIX and ITAMI!

Largest power generation capacity among airports in Japan

Generated power to be used in airport facilities including terminal buildings

Kansai Airports is pleased to announce that a new solar power generation facility "Sora x Solar ®" will start generating and supplying power to terminal buildings at Kansai International Airport (KIX) and Osaka Itami Airport (ITAMI) from February 1.

39,740 and 960 solar panels have been installed at KIX and ITAMI respectively via an on-site PPA scheme^{*1} whereby a power generator^{*2} installs solar power generation facilities on the premises of an electricity user. It is expected to have the largest power generation capacity among airports in Japan and one of the largest in domestic PPA projects.

The introduction of renewable energy through the project is an important initiative for achieving our 2030 reduction target of greenhouse gas emissions (50% reduction from 2016 levels), and the project is expected to reduce CO₂ of Kansai Airports Group by approximately 15%^{*3}. The project will contribute to achieving the goals of the KIX Decarbonization Promotion Plan^{*4} and ITAMI Decarbonization Promotion Plan^{*4}, which have been approved by the Ministry of Land, Infrastructure, Transport and Tourism in December 2023.

Going forward, Kansai Airports Group will continue to actively pursue innovative initiatives to reduce environmental impact in the aviation and airport sectors.

^{*1} On-site Power Purchase Agreement (PPA) scheme: Electricity producers install photovoltaic power generation facilities on the premises of customers (electricity users) at the expense of the electricity producers, own and maintain them, and supply electricity generated from the facilities to the customers.

^{*2} Electricity producer: K Power Supply LLC (SPC 100% owned by ORIX Corporation)

^{*3} Calculated based on projected power generation in FY2025 and CO₂ emissions in FY2023.

^{*4} Plans to promote decarbonization of the airports developed by the airport administrator, New Kansai International Airport Company, Ltd. in December 2023.

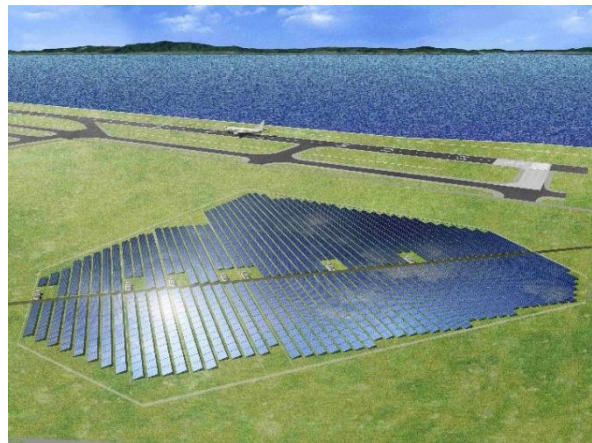
<http://www.nkiac.co.jp/decarbonizing/index.html>

Solar Panel Locations and photos

KIX

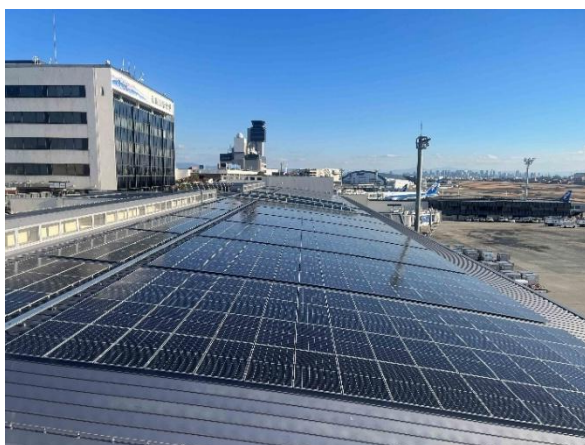
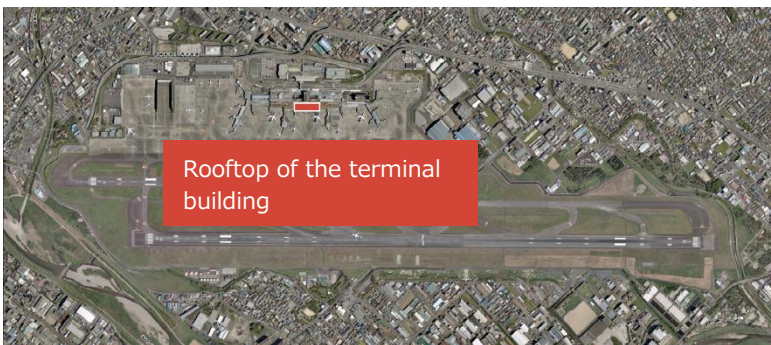


North side of Island 2



Architectural illustration

ITAMI



Rooftop of the terminal building



Architectural illustration

List of solar power generation facilities of Kansai Airports Group

	Existing facilities (Electricity sales)	Existing facilities (Self-consumption)	New facilities (Self-consumption)	
Airport	KIX	KIX	KIX (KIX SoraxSolar)	ITAMI (ITAMI SoraxSolar)
Panel location	3 locations such as unused land on the south side of Island 2, rooftop of the international cargo warehouse	Rooftop of the terminal 2 building and pharmaceutical warehouse	Unused land on the north side of Island 2 and rooftop of the international cargo warehouse	Rooftop of the terminal building
Space size	129,000m ²	7,000m ²	178,600m ²	4,200m ²
Number of panels	-	4,500 panels	North Side of Island 2 37,368 panels Rooftop of the international cargo warehouse 2,372 panels	960 panels
Power supply destination	Electricity sales	Terminal 2 building and pharmaceutical warehouse	Terminal 1 building, airport station and multi-story car parks, Aero plaza, heat supply facilities, international cargo warehouse, clean centers	Terminal building
Power generation capacity	12.8 MWp	1.3 MWp	22.8 MWp	0.6 MWp
Electricity amount	13.2 GWh/year	1.34 GWh/year	27.8 GWh/year (FY2025 forecast)	0.6 GWh/year (FY2025 forecast)
Estimated CO ₂ reduction	Out of scope of calculation as it is not our owned business.	580 t/year	12,000 t/year	270 t/year



Kansai Airports was established by a consortium made up of VINCI Airports and ORIX Corporation as its core members. Kansai Airports took over the operations of Kansai International Airport ("KIX") and Osaka International Airport ("ITAMI") from New Kansai International Airport Company ("NKIAC") and has been operating the two airports since April 1, 2016.

Kansai Airports Kobe, Kansai Airports' wholly-owned subsidiary, took over the operations of Kobe Airport ("KOBE") from Kobe City and started its business as an operating company on April 1, 2018.

Under the concept of "One Kansai Airports Group", Kansai Airports group strives to continuously improve its services for all airport guests through appropriate investments and efficient operations, with safety and security being the top priority. Kansai Airports group aims to maximize the potential of the three airports, for the benefit of the communities they serve.

For more information, please visit : <http://www.kansai-airports.co.jp/en/>

Kansai Airports

Location	1-banchi, Senshu-kuko kita, Izumisano-shi, Osaka	Shareholders	ORIX 40%, VINCI Airports 40%, Other investors 20% ¹
Company Representatives	Representative Director and CEO: Yoshiyuki Yamaya Representative Director and Co-CEO: Benoit Rulleau		
Business Scope	Operation and management services, etc. of Kansai International Airport and Osaka International Airport		

Kansai Airports Kobe

Location	1-ban, Kobe-kuko, Chuo-ku, Kobe-shi, Hyogo	Shareholder	Kansai Airports 100%
Company Representatives	Representative Director and CEO: Yoshiyuki Yamaya Representative Director and Co-CEO: Benoit Rulleau		
Business Scope	Operation and management services, etc. of Kobe Airport		



Established in 1964, ORIX Group has grown into a diverse corporate group active worldwide in financing and investment, life insurance, banking, asset management, real estate, concession, environment and energy, automobile-related services, industrial/ICT equipment, ships, and aircraft. ORIX operates in around 30 countries and regions with approximately 34,000 people. Its Purpose, "Finding Paths. Making Impacts." which defines why ORIX exists in our world. With this Purpose, ORIX will unite globally to help our world develop in a better way.

For more details, please visit our website: <https://www.orix.co.jp/grp/en/>



VINCI Airports, as the leading private airport operator in the world, manages the development and operation of more than 70 airports located in 14 countries. VINCI Airports draws on its expertise as a comprehensive integrator to develop, finance, build and operate airports, leveraging its investment capability and know-how to optimise operational performance and modernise infrastructure while bringing about their environmental transition. In 2016, VINCI Airports became the first airport operator to commit to an international environmental strategy, setting itself the aim of reaching zero net emissions across the network by 2050.

For more information: www.vinci-airports.com

¹ ASICS Corporation; Iwatani Corporation; Osaka Gas Co., Ltd.; Obayashi Corporation; OMRON Corporation; The Kansai Electric Power Company, Incorporated; Kintetsu Group Holding Co., Ltd.; Keihan Holdings Co., Ltd.; Suntory Holdings Limited; JTB Corp.; Sekisui House, Ltd.; Daikin Industries, Ltd.; Daiwa House Industry Co., Ltd.; Takenaka Corporation; Nankai Electric Railway Co., Ltd.; NIPPON TELEGRAPH AND TELEPHONE WEST CORPORATION; Panasonic Holdings Corporation; Hankyu Hanshin Holdings, Inc.; Rengo Co., Ltd.; The Senshu Ikeda Bank, Ltd.; Kiyo Holdings, Inc.; The Bank of Kyoto, Ltd.; THE SHIGA BANK, LTD.; The Nanto Bank, Ltd.; Nippon Life Insurance Company; Mizuho Bank, Ltd.; Sumitomo Mitsui Trust Bank, Limited; MUFG Bank, Ltd.; Resona Bank, Limited; and the Private Finance Initiative Promotion Corporation of Japan.