

Supply of charging facilities to SkyDrive  
for entry into AAM charging infrastructure business

7th November 2023  
The Kansai Electric Power Co., Inc.

The Kansai Electric Power Co., Inc. ("KEPCO") has been working with SkyDrive Inc. ("SkyDrive") on the research and development of charging facilities that will streamline the operations of Vertiports and operator, maximize their revenues.

With a view to entering AAM charging infrastructure business, KEPCO will deliver charging facilities KEPCO is developing to SkyDrive's flight test site, and used in demonstrations for the Osaka-Kansai Expo in 2025.

In addition, today KEPCO has started accepting pre-orders from domestic and overseas customers\*<sup>1</sup> for the introduction of this charging facility.

Thereafter, we aim to deliver AAM charging facilities to customers who have pre-orders.

We will work with domestic and international AAM stakeholders to promote the social implementation of AAM.

**【Features of KEPCO's AAM charging facilities】**

1. Safety specifications and design that enable the ultra-rapid charging at the high voltage and high current required for e-VTOL, including the SKYDRIVE(e-VTOL) developed by SkyDrive
2. Battery cooling systems can be used to minimize TAT(Turn Around Time), maximize revenue of the operations of Vertiports and operator
3. Versatile specifications and designs that can be adapted to e-VTOLs other than SkyDrive.
4. Connects to an energy management system and charges the battery using renewable energy as a power source, enabling the operation of a carbon-neutral e-VTOLs\*<sup>2</sup>.

**【Application address for pre-order of charging facilities】**

e-Mobility Business Group  
Business Strategy and Development Department  
Customer Solution Division  
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\*1:Port developers, e-VTOL operators, leasing companies, individual customers, etc

\*2:Additional equipment such as power generation and storage batteries may be required in addition to the charging facilities

End

Appendix: overview of SkyDrive.

## Overview of SkyDrive.

SkyDrive is developing SKYDRIVE, a lightweight, three-seat e-VTOL that can be operated using proprietary new technology.

The aim is to operate e-VTOL at the Osaka-Kansai Expo in 2025. After that, aim to obtain type certification and start mass production and service provision in 2026.

Establishment	July 2018
Representative	CEO Tomohiro Fukuzawa
Head office	2-1-1, Kaimo-cho, Toyota-shi, Aichi, Japan
Business	SkyDrive was formally established in July 2018 after testing flying car concepts and prototypes from 2014 with the mission of “taking the lead in the once-in-a-century mobility revolution.” Its vision is to create a future where everyone has access to eVTOLs as their daily transportation in Japan and across the world. The company succeeded in the first crewed eVTOL flight test in Japan in 2019 and its eVTOL “SKYDRIVE” is in the process of acquiring its Japan Civil Aviation Bureau (JCAB) certification. SkyDrive has been selected as a company to participate in the Advanced Air Mobility (AAM) project at Expo 2025 Osaka, Kansai, Japan. SkyDrive plans to begin production of “SKYDRIVE” in the Spring of 2024 at the plant owned by official production partner Suzuki Motor Company.

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