EMIRATES COMPLETES FIRST FLIGHTS FROM DUBAI POWERED BY SHELL AVIATION SAF

News / Airlines

Emirates' flight EK 412 bound for Sydney on 24 October was among the first to operate with SAF. Shell has supplied 315,000 gallons of blended SAF for use at airline's hub in Dubai. This first ever supply of SAF to Emirates in Dubai has enabled the airline to power a number of missions over the course of the last few weeks. The blended SAF supplied by Shell into the DXB airport fuelling system was comprised of a ratio of 40% neat SAF and 60% conventional Jet A-1 fuel. The chemical characteristics at this ratio are identical to conventional jet fuel, and can seamlessly be integrated into the existing airport fuel infrastructure as well as in the engines of the entire Emirates fleet with no modifications required.

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Sir Tim Clark, President Emirates Airline, commented: “We’re pushing ahead with proactive measures to enable more sustainable flying now and in the future, and powering flights from our Dubai hub is just one of the steps we’ve taken to reduce emissions and concretely help our customers minimise their own carbon footprint. We still have a long road ahead, and we hope that our partnership with Shell Aviation inspires more producers to address the supply gaps and make SAF readily available in major hubs like Dubai, as well as other points on our network.”

Jan Toschka, President of Shell Aviation, said**:** “Emirates and Shell have a long-standing history of collaboration, and we are thrilled to continue this journey together to enable SAF usage in the UAE. This first-ever supply of SAF to Emirates in Dubai is an example of what can be achieved when different parts of the aviation value chain come together. Our hope is that this milestone will inspire further advancements in SAF adoption throughout the aviation industry in the UAE and the wider region.”

Emirates and Shell signed a MOU to explore areas of collaboration around sustainable travel and technology-driven travel experiences. Emirates and Shell agreed to jointly evaluate mechanisms to reduce travel emissions for Shell’s business travel requirements, and the airline is currently using the Avelia platform to enable transparent tracking of the environmental benefits of SAF for is customers. They will also be exploring ways to enhance the travel experience through offering personalised products relevant for today’s corporate travellers through new technologies including New Distribution Capabilities. Emirates’ development of these new options in NDC provide Shell with the opportunity to be an early adopter of this technology.

This year, the airline announced the establishment of a US$ 200 million fund for research and development projects focussed on reducing the impact of fossil fuels in commercial aviation, representing one of the biggest single commitments of any airline on sustainability. Over the next three years, Emirates will identify partnerships with leading organisations working on solutions in advanced fuel and energy technologies. Emirates operated region’s first 100% SAF-powered demonstration flight in January.

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