

September 30, 2024

## **Sulzer launches VoltaSplit™ - an electrified distillation solution to improve energy efficiency and enable carbon emission reductions**

**Sulzer is proud to announce the global launch of VoltaSplit, its new electrified distillation solution that significantly enhances energy efficiency while enabling the reduction of direct CO<sub>2</sub> emissions. Relying on electricity instead of traditional energy-intensive steam boilers, VoltaSplit reduces the direct CO<sub>2</sub> emissions of distillation units by up to 90%. This in turn enables process industries to meet regulatory requirements, improve operational performance and reduce their long-term environmental impact.**

Distillation is a cornerstone process in numerous industries, yet it is traditionally characterized by high energy consumption. Conventional distillation systems often rely on on-site steam boilers powered by carbon-intensive fossil fuels, contributing substantially to the greenhouse gas (GHG) emissions of refinery and chemical complexes and to the carbon footprint of chemical products, fuels and solvents.

### **Reduce operational costs**

Designed to drastically reduce the energy consumed by distillation plants and the associated CO<sub>2</sub> emissions, VoltaSplit has been proven to increase the efficient use of energy and to greatly reduce operational costs by cutting energy requirements up to 20 times compared to traditional solutions like electric reboilers.

### **Single power source**

Sulzer's innovative approach uses electricity as its single power source to run distillation units, enabling process industries to decrease the energy they require. Moreover, it permits them to shift to renewable energy when available without any major investment in new infrastructure. In this manner, VoltaSplit is setting new standards for distillation by offering a more sustainable and cost-effective solution.

Sulzer Executive Chairwoman Suzanne Thoma concludes: "At Sulzer, we strive to deliver process solutions that create significant value for our customers. We're proud to offer a solution that drives efficiency while actively contributing to the reduction of global emissions, both of which are key concerns for industrial operators today. With the launch of VoltaSplit, we aim to speed up the global adoption of transformative technology that enables essential industries to produce at lower costs while saving on GHG emissions."

*Sulzer is a global leader in critical applications for core infrastructure and processes for large essential industries around the world. We ensure the security, quality and durability of critical goods and services by supporting energy security, natural resource management and efficiencies in process industries. This in turn supports the transition to a circular economy. Our integrated solutions add significant value by enabling energy efficiency, carbon emissions and pollution reduction, and process efficiency improvements. Customers benefit from our commitment to innovation, performance and quality through our responsive network of 160 world-class manufacturing facilities and service centers across the globe. Sulzer has been headquartered in Winterthur,*

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Switzerland, since 1834. In 2023, our 13'130 employees delivered revenues of CHF 3.3 billion. Our shares are traded on the SIX Swiss Exchange (SIX: SUN). [www.sulzer.com](http://www.sulzer.com)

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VoltaSplit is available worldwide. To learn more about how VoltaSplit can optimize your plant's energy efficiency and assist with your sustainability goals, visit our website [here](#) or contact us directly at [voltasplit@sulzer.com](mailto:voltasplit@sulzer.com).

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