



Key pumps for Aksay concentrated solar power plant

Sulzer has been contracted to supply 18 pumps for both solar and power islands of the Aksay 50 MW CSP plant in China. Aksay is a molten-salt parabolic trough plant with a 15-hour molten-salt heat storage system.



To promote renewable energy, the Chinese government has launched its first batch of 20 concentrated solar power (CSP) pilot projects using various technologies: central tower, parabolic trough, and linear Fresnel collector. Most projects will be equipped with a molten-salt heat storage system to last 6–15 hours. The Aksay plant is one of these 20 pilot projects.

A dedicated Sulzer team including engineers from China, Belgium, Spain, Switzerland, and USA worked closely together to develop the optimal comprehensive pump package for this project. The package includes boiler feed pumps, condensate extraction pumps, molten salt pumps, and attemperation pumps. The pumps will be manufactured in Sulzer's factories in China and Belgium.

The Sulzer Suzhou factory in China is one of the main production units for the power market with its state-of-the-art order-related engineering, packaging, and testing facilities. It focuses on domestic and export markets.

Guijun Zhu,
Beijing, China

Large pumps orders from GE Power India Limited

Sulzer India has been contracted to supply 21 barrel-type boiler feed pump sets for GE Power India Limited.

The pumps are destined for the three new thermal power plants, i.e. 3x 660 MW Ghatampur, 2x 660 MW Obra "C" UPRVUL, and 2x 660 MW Jawaharpur JVUNL. Those plants are being built in Uttar Pradesh, India, and owned by Neyveli Uttar Pradesh Power Limited, Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited, and Jawaharpur Vidyut Utpadan Nigam Limited, respectively. The delivery is scheduled from mid-2018 to mid-2019.



Included in the orders are 21 barrel-type boiler feed pumps (20 MW drive) and 21 booster pumps. The pumps are specifically designed for use in arduous industrial applications and are optimized for high-efficiency operations. The scope of supply also includes 12 condensate extraction pumps and 14 heater drain pumps. All pump sets will be engineered, assembled, and packaged in India.

Sulzer is a key player in the supercritical power segment, and is investing in employees and sites in India, setting up a new 8 MW test bed in Mumbai. After a detailed evaluation, the customer has chosen Sulzer as its partner in this important project thanks to its technology and well-recognized global experience.

Claudia Pröger,
Winterthur, Switzerland



Upcoming events in 2018

Around the globe, Sulzer takes part in numerous events, exhibitions, and conferences. Please check our event calendar to stay informed. Have you already used our calendar export function? You can easily add interesting events into your personal calendar. For more details please visit www.sulzer.com/events.

Sulzer at ACHEMA 2018

Sulzer will be delivering service and product excellence through innovation at ACHEMA 2018, which will be held in Frankfurt from June 11–15, 2018. The exhibition will bring together experts from across the world, and Sulzer is taking the opportunity to demonstrate its expertise in separation technology for chemical manufacturers, pump design, and rotating equipment services at two booths.

Sulzer's experts in separation technology will be on hand in Hall 4.0, at Booth D48, to discuss the latest developments in tray technology, structured and random packing applications, feed inlet devices, separators, static mixers, coalescers, crystallizers, and the use of carbon products in column internals. Sulzer offers skid-mounted solutions that minimize costs and disruption on-site.



**Dorota Zoldosova,
Claudia Pröger,
Winterthur, Switzerland**

In Hall 8.0, at Booth A71, Sulzer offers insights into the latest pump designs as well as developments in asset management and pump optimization software. Visitors will also be able to see and discuss the company's comprehensive offering for the maintenance of turbines, compressors, pumps, generators, and large motors.



And the winner is ...

Manuel Montero, Reliability Engineer at Chevron in Bakersfield, California, United States, is the lucky winner of our contest. The Apple Watch Nike+ will be in his hands soon.

Chevron is one of the world's leading integrated energy companies. They explore for, produce and transport crude oil and natural gas; refine, market, and distribute transportation fuels and lubricants; manufacture and sell petrochemicals and additives. Their net oil-equivalent daily production was around 2.7 million barrels in 2017.

Contest for new subscribers



If you sign up by June 15, 2018, you will automatically be entered in our drawing to win an Apple Watch (Series 3, GPS). The winner will be randomly selected and informed by e-mail on June 19, 2018.

Sign up under www.sulzer.com/str-newsletter.

Terms and conditions

The prize is an Apple Watch (Series 3, GPS). The winner will be chosen randomly from all participants who subscribe to the STR newsletter between April 24, 2017, and June 15, 2018. The winner agrees to have his/her name published in the next *Sulzer Technical Review*. There is no written information concerning the contest. Limited to one entry per person. Sulzer employees and their family members are excluded and cannot participate in the contest. Exclusive place of jurisdiction is Winterthur, Switzerland.

News ticker

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