Dialogue on Facebook and Twitter

Information on the Tognum Group and its core brands MTU and MTU Onsite Energy can now be accessed on social media sites. In the sphere of HR marketing, the company now has a Facebook fan page Tognum Careers www.facebook.com/tognum as well as its own Tognum Careers site on www.xing.com. Here, potential employees can find texts, photos and videos on the working world of Tognum as well as on prospects for entry and promotion at the company and its subsidiaries. Via its Twitter accounts www.twitter.com/tognum_pr and www.twitter.com/MTU_PR, the Corporate Communications section provides information on the latest developments at the Tognum Group as well as examples of applications where MTU and MTU Onsite Energy products are in operation. Tognum’s presence on the social media sites is designed to promote dialogue with customers, journalists, potential employees, shareholders and anyone else interested in the company. (aka)

MTU Wins Major Order from China

A consortium headed by MTU has been awarded a contract valued at around €26 million to supply four emergency power generation systems for Chinese nuclear power plants. The partners in the consortium are Areva and the Chinese Joint-Venture partner Norinco. Delivery of the power generation systems to Fuqing in south-eastern China will take place in December 2012 and August 2013. “This order not only strengthens our business with distributed energy plants, it also highlights the consistent expansion of our activities in Asia,” said Christof von Branconi, Tognum Executive Board member with responsibility for the Business Unit Onsite Energy & Components. The power generation systems are based on MTU 20V 956 TB33 engines (rated electrical output 6,000 kW) which can run to full speed in under ten seconds. (thh)

Hybrid Powerpack Wins Innovation Award

The trade journal ‘Privatbahn Magazin’ has conferred its Innovation Award (category: Environment and Rail Technology) on the Hybrid Powerpack developed by MTU. The journal presents the award for products which transform “the concept of innovation into commercial practice with an eye to the future”. The Hybrid Powerpack is a future-oriented alternative to conventional drive concepts both for railcar newbuilds and repowering projects. The hybrid underfloor drive does not emit the heat arising from braking energy into the environment, but collects it in batteries and uses it for re-starting and the stop-and-go mode. The system is able to reduce fuel consumption and carbon dioxide emissions by up to 25%. In conjunction with Deutsche Bahn subsidiary Westfrankenbahn, MTU is currently preparing trials with the innovative technology in a test vehicle. (eb)

First Class Service Powered by MTU

The Divan Hotel in Istanbul features 228 guestrooms and 3 penthouse suites as well as 11 meeting rooms, 5 restaurants and 1,800 sqm health and recreation facilities. To help ensure that its guests always receive a first class service, the hotel installed two 2,145 kVA prime containerized MTU Onsite Energy diesel generator sets. To meet the hotel’s power demand in the event of a utility outage, the prime power system consists of two 16V 4000 diesel generator sets. When operating in parallel, the generators provide enough electrical energy to supply all of the hotel’s needs. The two generator systems also make maintenance convenient because one generator can be taken out of service while the other remaining generator set is available in case the utility power fails. The installation includes a two-year service plan from Turkey. (hs)
Innovative Energy Concept Wins Award

From summer 2011, two 16V 4000 gas-powered gensets from MTU Onsite Energy and an emergency standby genset powered by an MTU Series 4000 diesel engine will be ensuring electricity supplies at a new data processing center in Valencia, Spain. To achieve ideal operating conditions, the datacenter, which is operated by telecommunications specialist Tissat, is cooled all year round. In winter, waste heat from the gas engines is used for heating and in summer, combined heat and power (CHP) technology converts the waste heat to cool the office buildings. When called upon, a diesel-powered emergency genset can deliver the electricity needed in just a few seconds. At a ceremony in London in December 2010, the energy supply concept using gas engines was recognized with the “Datacentre Leaders Award 2010” in the category “Innovations for medium-size datacenters.” (kb)

Smooth Sailing off the Coast of Indonesia

The two high-speed catamarans operated by Bintan Resort Ferries (BRF) cover the 50-minute route between Singapore and the Bintan resorts off the Indonesian island of Sumatra up to seven times every day. And an MTU_ValueCare maintenance contract guarantees the availability of the four MTU 16V 2000 M72 propulsion engines on each vessel. The ferry operator can expect 10,000 hours or five years (whichever occurs first) of trouble-free operation and the MTU maintenance contract means that he also benefits from maximum levels of engine availability as well as optimized ferry service life. In turn, that means satisfied customers. Fixed maintenance costs are a further benefit and, in addition, maintenance carried out by the original engine manufacturer enhances the vessels’ value retention if they are to be sold at a later date. (aka)

US Navy Orders a Further Littoral Combat Ship

The US Navy has placed an order for a further Independence Class “Littoral Combat Ship” and has also taken out an option for nine more of the vessels. The main contractor is the American defense concern General Dynamics. The ship will be built by Austal in the USA. This class of ship is the first defense vessel in the world to be designed as a trimaran. Propelled by two MTU Series 8000 engines each producing 9,100 kW, the 130-meter long, 30-meter wide trimaran reaches speeds up to 28 knots whilst two gas turbines can take it up to 45 knots. These speeds are essential for the vessels to fulfill their task of operating primarily in coastal waters to protect the USA against asymmetric threats such as terrorist attacks. (ld)

500th Rail Powerpack Overhauled

The `remanufacturing` option available for MTU Powerpacks, the underfloor drive units for railcars, is in great demand. Since 2003, MTU has been overhauling rail Powerpacks which have reached the end of their standard service life of 18,000 hours. After overhaul in the remanufacturing process the units can return to service with a second lease of life just as long as the first. At the end of 2010, the 500th rail Powerpack was overhauled and dispatched to its operator ‘Nordwestbahn’ in Osnabrück, Germany for service in a Lint railcar. The unit’s drive is provided by a 315kW, Model 6R 183 TD13H engine. Developed and built by MTU, Powerpacks have the major advantage of combining all the essential drive components such as engine, gearbox and charge-air cooler, together with the interfaces, as a system solution within a single unit. For operators, remanufacturing the units to produce as-new products has economic advantages as compared with new purchases. (sto)