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Cambodia Chooses MAN for New, Major Power plant

Eleven 51/60 dual-fuel engines to supply 200 MW of flexible capacity to national grid

MAN Energy Solutions and China National Heavy Machinery Corporation (CHMC) have jointly won the contract to build a 200 MW power station in the Cambodian capital, Phnom Penh. While CHMC will take responsibility for the engineering, procurement and construction, MAN has been tasked with the delivery and commissioning of the new plant's 11 x 18V51/60DF engines.

Owned and operated by Cambodia's national utility, Electricité du Cambodge, the plant will significantly boost the country's generation capacity and feed enough electricity into the national grid to cover the average energy consumption of approximately 70,000 Cambodian households.

Wayne Jones, Chief Sales Officer at MAN Energy Solutions: "This plant will contribute substantially to ensuring the reliable supply of electrical energy in Cambodia regardless of weather or climate conditions. Reliability and flexibility is what our engines are known for and we are proud to be a part of this endeavor."

Martin Höhler, Regional Head of Sales for MAN Energy Solutions Power Plant business in the Asia Pacific region, said: "Cambodia relies to a large part on hydroelectric energy generation and the national grid faced stability issues during the last dry season when not all of these plants could operate at full capacity. The Government therefore launched a fast-track program to add flexible generation capacity to the system. We are very happy to play such a major role in this significant project to bring about reliable power in short time."

Meeting the customer's ambitious construction schedule calls for a high degree of process efficiency and professionalism among the project partners. Wilson Phua, Regional Sales Manager Power Plant for the Asia-Pacific region said: "The schedule is very demanding: the plant has to be up and running by early-2020. Accordingly, construction will commence almost immediately and we are committed to deliver the engines before the end of this year."

While operating on heavy fuel oil at first, the power station will be able to run on as natural gas as well, thanks to the dual-fuel capability of the MAN 51/60 engines. Natural gas is low in GHG emissions and enhances the plants carbon footprint.

"Positioned right on the banks of the Mekong River in the Koh Reas commune of Lveas Em district, a small-scale LNG terminal will likely be added to the plant at a later stage to switch operation to natural gas. Our engines and plant auxiliaries are already prepared for this and thus can offer a seamless transition from one fuel type to the other", said Phua.



Signing Ceremony on 11-June-2019 between H.E. Mr Keo Rottanak – Minister Attached to the Prime Minister, Managing Director at EDC, and Mr Xiao Ping - President at CHMC



Signing Ceremony on 11-June-2019 Mr Xiao Ping - President at CHMC, and Martin Höhler - Head of Power Sales, Asia Pacific at MAN Energy Solutions

MAN Energy Solutions enables its customers to achieve sustainable value creation in the transition towards a carbon neutral future. Addressing tomorrow's challenges within the marine, energy and industrial sectors, we improve efficiency and performance at a systemic level. Leading the way in advanced engineering for more than 250 years, we provide a unique portfolio of technologies. Headquartered in Germany, MAN Energy Solutions employs some 14,000 people at over 120 sites globally. Our after-sales brand, MAN PrimeServ, offers a vast network of service centres to our customers all over the world.