

Larsen & Toubro (L&T), an Indian multinational engaged in EPC Projects, Hi-Tech Manufacturing and Services, today announced the commissioning of a Green Hydrogen Plant at its AM Naik Heavy Engineering Complex in Hazira, Gujarat. The plant was inaugurated by Mr. Shrikant Madhav Vaidya, Chairman of Indian Oil Corporation Limited. The production of Green Hydrogen based on an alkaline electrolysis process has begun today. The plant will produce 45 Kg of Green Hydrogen daily, which will be used for captive consumption in Hazira manufacturing complex.

The Green Hydrogen Plant is designed for an electrolyser capacity of 800 kW comprising both Alkaline (380 kW) and PEM (420 kW) technologies and will be powered by a rooftop solar plant of 990kW peak DC capacity and a 500kWh Battery Energy Storage System (BESS). As part of the first phase of the project 380 kW Alkaline electrolyser has been installed, while the 420 kW PEM electrolyser along with solar plant capacity augmentation to 1.6 MW peak DC, will be part of future expansion.

VDLG / 7 LV DW WKH IRU providing innovative and sustainable solutions that will help meet the energy needs of the future. We are proud that our engineers have set up the Green Hydrogen generation plant at Hazira complex and integrated it with the existing manufacturing VKRSV IRU XVH RI WKH JUHHQ K\GURJHQ μ

He added that 'This initiative is in OLQH ZLWK / 7.V

The plant is spread across 3000 sq. meters, and the first phase of the project has been installed, tested, and commissioned. The scope involves the