



IndianOil to produce hydrogen from biomass gasification

The company aims to bring hydrogen fuel into India's mainstream energy matrix while utilizing the agrarian strengths of the country.

IndianOil has inked an MoU with the Indian Institute of Science, Bangalore (IISc) to develop and demonstrate biomass gasification-based hydrogen generation technology. The process will help produce fuel cell grade hydrogen for buses as part of IndianOil's larger aspiration to usher in hydrogen economy in the country.

This move will be another step by IndianOil to bring hydrogen fuel into India's mainstream energy matrix while utilizing the agrarian strengths of the country.

IndianOil and IISc will jointly work for the optimization of both biomass gasification and hydrogen purification processes. The technology will be scaled-up and demonstrated at IndianOil's R&D Centre at Faridabad.

IndianOil has been pioneering hydrogen research in the country and recently launched the trial of 50 HCNG fueled buses in Delhi.