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Cummins and IISc in pact for biomass gas project

Bangalore: Cummins India Limited and the Indian Institute of Science have announced an agreement for commercialisation of biomass gasification power generation systems. Under the agreement, CIL and IISc will work together for continuing integrated development and release of power generation systems based on open down draft biomass gasification systems developed by ABETS, IISc. CIL will be launching a new range of generator set systems, which are designed to work on gasifiers designed per IISc technology. The generator sets will be available in a range of ratings starting with 25 kW.

Bio-mass is a low cost and sustainable fuel source, which reduces cost of power generation by the gasification route. Over the past two years, during the development phase, IISc and CIL have worked together on fuelling engines with produces gas through common design and integration. Speaking at the occasion, Professor P.J. Paul of IISc said, "Our technology package known as Open Top Re-burn Down Draft Biomass Gasifier generates gas from biomass that comprises forest residue, agricultural residue in briquetted form and bagasse.