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PepsiCo to bring down carbon emission at Ranjangaon plant

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Pune, Sep 25 :In an initiative to reduce carbon emission from its plant, PepsiCo India's Frito Lay manufacturing unit in Ranjangaon near Pune has begun converting waste generated at the plant into biogas that in turn is being used for manufacturing the company's popular snack, Kurkure.

"Through the use of biogas, the plant will reduce 600 tonne of carbon emissions annually. This initiative will ensure a substitution of 200 tons of LPG per annum," Rajeev Kumar, VP-Operations, PepsiCo India Holdings said. The company's Ranjangaon plant generates around 10-12 tons of waste on a daily basis. Earlier this was disposed through conventional methods such as natural decomposing and the company lost lot of time in handling waste, he pointed out.

"This is the first time in PepsiCo's global operations that biogas has been directly used to fire fry burner. The model created by the Pune unit is being shared with other group units across the globe and is available for replication," Kumar said, describing this as a major sustainability effort by the company. The Ranjangaon model is likely to be replicat-

The company invested around \$700,000 for installing a plant that generates around 1 tonne of LPG

ed in the group's Channo and Kolkata plants, he said without disclosing more details. The Pune plant now produces enough biogas to run two Kurkure lines.

The company invested around \$700,000 for installing a biomethane plant that generates around 2,200 m³/day, equivalent to one tonne of LPG. The plant was set up in June this year. Kumar said this initiative presented the company with an opportunity to claim carbon credits at a later stage.

The Ranjangaon plant is also working on reducing the plastic content in its plastic packaging content, he said, declining to give details on when this would be possible. This plant currently has seven lines that make all the product lines including Lays, Kurkure, Uncle Chipps, Desi Beats, Cheetos and the Aliva range of savoury crackers.