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India's Reliance commissions new PTA, PET plants in Dahej

13 April 2015 03:52 Source: **ICIS News**

SINGAPORE (ICIS)--India's Reliance Industries Ltd (RIL) has commissioned its new 650,000 tonne/year [polyethylene \(/chemicals/polyethylene/\)](#) terephthalate (PET) and 1.5m tonne/year purified terephthalate acid (PTA) plants at Dahej in Gujarat state.

The PET facility, which consists of two production lines, will boost the company's global capacity for the material to 1.15m tonnes/year, the company said in a statement dated 10 April.

The PET plant will "greatly help the downstream bottle and packaging industry in meeting the increasing demand from India and the region", the company said.

India is one of the fastest growing markets for PET packaging with demand growing at an annual rate of 15-20%, according to RIL.

Feedstocks PTA and monoethylene glycol (MEG) for the PET plant will be derived from the Dahej complex, it said.

"This offers significant logistics advantages in the form of lower freight costs along with consistent product quality due to in-house raw material linkages," the company said.

RIL's new 1.5m tonne/year PTA plant is forward integrated with the PET plant to lower operating costs and "capture full chain margins", the company said.

Another PTA plant of undisclosed capacity is being built at the same site, it said.

"With these capacities, Reliance will be placed among the top five PTA manufacturers globally," RIL said.

India is the second largest producer of polyester, with production capacity estimated at 5.4m tonnes/year.

The Indian polyester market is growing at an annual rate of 8-10% and currently has a PTA deficit of more than 1.5m tonnes/year.

"The start-up of the new PTA plant at Dahej will take India closer to self-sufficiency in PTA," it said.

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The PET plant was built with Invista's technology for continuous polymerisation and Buhler's technology for solid state polymerisation, the company said.

PET resin from the new capacity would find application in packaging for water, carbonated soft drinks, pharmaceuticals and other food & beverages, it said.

The PTA plant is built using Invista's technology.

Financial details of the new plants were not disclosed.

Read John Richardson and Malini Hariharan's blog – [Asian Chemical Connections](http://www.icis.com/blogs/asian-chemical-connections/) (<http://www.icis.com/blogs/asian-chemical-connections/>)

By [Nurlugman Suratman \(mailto:icisnews.asia@icis.com\)](mailto:Nurlugman.Suratman@icis.com)

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