

1. Particulars of organisation

a)	Date of incorporation:	08 January 2007
b)	Mode of incorporation:	Incorporated under Companies Act 1956
c)	Name of P.A:	Brahmaputra Cracker and Polymer Limited
d)	Administrative Ministry	Ministry of Petroleum and Natural Gas

e) Present Status of BCPL:

- Brahmaputra Cracker and Polymer Limited (BCPL) was approved by Cabinet Committee on Economic Affairs (CCEA) on 18th April 2006. Subsequently a Joint Venture Company, BCPL, was incorporated on 08th January 2007 as a Central Public Sector Enterprise under the Ministry of Chemicals and Fertilizers.
- GAIL (India) Limited is the main promoter having 70% of equity participation and the rest 30% is equally shared by Oil India Ltd (OIL), Numaligarh Refinery Limited (NRL) and Government of Assam.
- The plant was commissioned on 2nd January 2016 and **Hon'ble Prime Minister, Shri Narendra Modi** dedicated BCPL Petrochemical Complex to the Nation on **5th Feb'2016**.
- The Cabinet Committee on Economic Affairs on **24th December, 2019** approved the transfer of administrative control of BCPL from **Ministry of Chemicals and Fertilizers (MoCF) to Ministry of Petroleum & Natural Gas (MoPNG)**.

Functions and duties

VISION

To emerge as a dominant petrochemical player in the north-east region, providing value to stakeholders, offering best-in-class products & services, contributing to economic growth while remaining environmentally conscious.

MISSION

To establish significant presence in the north-east region in petrochemical sector by way of production / sourcing and marketing of quality products, deploying efficient distribution and marketing channels to cater to the needs of target customers.

Our products:

The principal end products of the complex are High Density Polyethylene (HDPE) and Linear Low Density Polyethylene (LLDPE) totalling 2, 20,000 Tonnes per Annum (TPA) and 60,000 TPA of Poly-Propylene (PP). The by-products include Hydrogenated Pyrolysis Gasoline and Pyrolysis Fuel Oil.

Technologies in BCPL

Cracker Unit is based on the technology licensed by M/s Lummus, USA. It is a dual feed cracker with C2+ liquid and naphtha as feed stock. The unit is designed to produce 2, 20,000 TPA of polymer grade Ethylene and 60,000 TPA of polymer grade of Propylene.

LLDPE/HDPE Swing unit is based on gas phase process technology which is licenced by M/s INEOS Technology, UK. This technology can manufacture Polyethylene grades having MI value in the range of 0.05 to 21.0 g/10 min and density value in the range of 0.920 to 0.960 g/cc.

Poly-Propylene Plant is based on Gas Phase Lummus Novolen Technology GmbH (NTH), Germany. It is designed to produce 60,000 TPA of various grades of polypropylene. The product range of the PP plant covers various grades of homopolymer and random copolymer manufactured by gas phase polymerisation in one vertically stirred bed reactor.

BCPL Units

BCPL comprises of four work stations i.e. GDU Duliajan where Feed Natural Gas is received from M/s. Oil India Limited, Railway Siding where Naphtha received from M/s. NRL is unloaded, Lakwa GSU Cum C2+ Hydro Carbon Recovery Unit where Feed Natural Gas supplied by M/s. ONGC is processed and the main Petrochemical Complex at Lepetkata, Dibrugarh where Polymers are being produced after processing the feedstocks.

Gas Dehydration and Compressor at Duliajan and Natural Gas Sweetening Unit Cum C2+ Recovery Section at Lakwa are approx. 48 Kms away from Lepetkata Main complex.

The Registered office is located at Guwahati, Assam.

BCPL Projects

Ministry of Chemicals & Fertilizers (former administrative ministry of BCPL) accorded the approval for setting up of Butene-1 & HPG-2 Units at BCPL Lepetkata in the year 2019, the foundation stone of which was laid on 19 September 2019.

The Butene-1 plant shall be a 10 KTPA plant producing Butene-1 using ethylene. The plant will provide a consistent supply of Butene-1 reducing dependence on external source. The HPG (2nd stage) plant shall be a 52 KTPA plant. Second stage of hydrogenation of HPG will yield more value-added product, to meet a benzene specification of 1 Vol% (max) and Sulphur less than 10 ppm wt, so as to blend in gasoline pool.

Work is in progress for the projects at the cost of Rs 386.75 Crores (Butene-1: Rs 260.98 Crores & HPG-2: Rs 125.99 Crores) and likely to be completed by July 2024. M/s Engineers India Limited (EIL) was awarded the EPMC and environment clearance for both the projects has been obtained. Site enabling works are in progress.