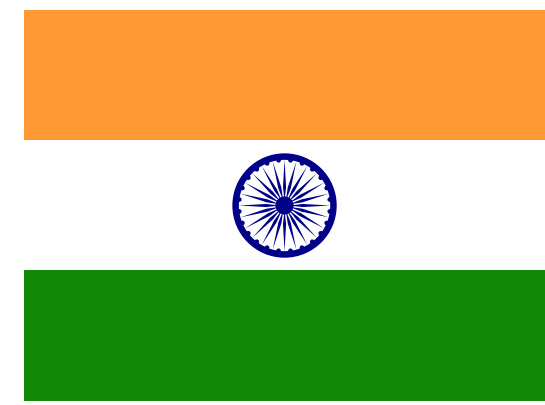


Methane Recovery Project in the Jharia Coalfield



India / Asia

PROJECT DESCRIPTION

- A joint venture between Bharat Coking Coal Limited (BCCL) and Prabha Energy Private Limited (PEPL) bid for and was awarded on 20 September 2021 the rights to extract coal mine methane (CMM) from the coal mine Jharia CBM Block-I for reuse as an alternative energy source.
- This represents the first time the extraction of CMM has been allowed within a designated coal mining block.
- The Jharia Coalfield covers an area of about 26.55 square kilometers, with total gas in place resource estimated of 25.22 bank cubic metre.

PARTNERS INVOLVED IN PROJECT

- Advanced Resources International
- Prabha Energy Private Limited (PEPL)
- Bharat Coking Coal Limited (BCCL)



ANTICIPATED RESULTS

- Project aims to capture methane for 25+ years that would have been released during future mining operations.
- Captured methane will be injected into the national pipeline grid and can be used as an alternative fuel source.
- The project also aims to improve the lives of the local population by both reducing greenhouse gas emissions and providing economic advantages.

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