

Justification for locating the Integrated Lakhanpur Belpahar Lilari Open Cast

Project (40 MTY) in forest area

Mineral based projects are site specific and the proposed project expansion area for mining by Integrated Lakhanpur Belpahar Lilari Open Cast Project(40 MTY) is located on the forest area. The proposed area for the project has been proved to have a thick coal seam (Lajkura, Rampur & IB) available at shallow depth for opencast mining. The project is an amalgamation of three open cast mines namely Lakhanpur OCP, Belpahar OCP and Lilari OCP

The existing Lakhanpur OCP has been planned to mine upto the upper Lajkura seam only, below which both Rampur and Ib seam are left virgin. So from sound conservation point of view, in this project, it is proposed to work the left out virgin deposits of Rampur and Ib- seam below Lakhanpur OCP. Also to add life to the project, additional property to the dip side has been annexed.

The projected gap between demand and availability by the end of year 2021-22 is projected to be 28.32 Mt from Ib-valley coalfield. Further new coal linkages have been given to MCL for which MCL has already issued LOA. The proposed integrated project will meet the coal demand from the coalfield, especially to the new consumers and reduce the gap between demand and availability.

Projected coal demand on MCL from Ib-valley coalfield (Fig. in Mt)

Sl. No	Particulars	2021-22	2026-27
1	Total Demand on MCL	244.83	274.134
2	Projected coal demand on Ib-valley coalfield	97.93	120.56
3	Coal Availability	69.61	70.40
	Gap	(-)28.32	(-)50.16