

GOVERNMENT OF INDIA  
MINISTRY OF COAL  
RAJYA SABHA  
**UNSTARRED QUESTION NO. 648**  
TO BE ANSWERED ON– 08/02/2021

**INVESTMENT IN CLEAN TECHNOLOGY BY CIL**

648. SHRI SAMBHAJI CHHATRAPATI:

Will the Minister of COAL be pleased to state:

- (a) whether a decision has been taken to make an investment in clean technology after witnessing a slump in demand for coal during COVID-19 pandemic in 2020;
- (b) if so, the details thereof;
- (c) the details of other areas where Coal India Limited (CIL) has decided for major investment; and
- (d) whether any timeline has been fixed for entering into clean technology by CIL?

**ANSWER**

MINISTER OF PARLIAMENTARY AFFAIRS, COAL AND MINES  
(SHRI PRALHAD JOSHI)

(a): Yes, Sir.

(b): In last couple of years, i.e. much before COVID-19 pandemic, Coal India Limited(CIL) has taken up several clean coal initiatives through Surface Coal Gasification (SCG) route for production of Syn-gas which can be subsequently converted into fertilizers, liquid fuels, industrial chemicals, etc. The implementation of such initiatives is directed to enhance utilization of coal reserves, which are abundant in the country, in more environment friendly manner while supporting the nation's commitment to address the global challenges of Climate Change. The following initiatives through SCG route are under consideration:

- i. Integrated Coal to Ammonia-Urea Project at Talcher (Odisha) through TFL, a JV company of CIL, GAIL, RCF and FCIL
- ii. Coal-to-Methanol Project at Dankuni Coal Complex (West Bengal)
- iii. Coal-to-Chemical Projects at four (04) subsidiaries of CIL, namely ECL, CCL, SECL and WCL.

(c): In December-2020, the CIL Board accorded its approval for venturing into the following business areas:

- i. Solar Power Value Chain (Ingot-Wafer-Cell-Module)
- ii. New & Renewable Energy (Non-Conventional)
- iii. Aluminium Value Chain (Mining-Refining-Smelting)

As of now, no investment decision has been taken in the above areas.

**(d):** The projected timeline for implementation of clean coal initiatives under SCG route are as follows:

- i. Integrated Coal to Ammonia-Urea Project at Talcher (Odisha) through TFL, a JV company of CIL, GAIL, RCF and FCIL - **FY 2024-25**
- ii. Coal-to-Methanol Project at Dankuni Coal Complex (West Bengal) on standalone basis- **FY 2025-26**
- iii. Coal-to-Chemical Projects at four (04) subsidiaries of CIL, namely ECL, CCL, SECL and WCL. - **FY 2026-27**

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