



PRESENTS

COAL GASIFICATION CONFERENCE 2026

SCALING TECHNOLOGY FOR HIGH-ASH INDIAN COAL

August 21, 2026 | Le Meridien, New Delhi



KEARNEY



GALAXY OF SPEAKERS



NATIONAL COAL GASIFICATION MISSION

(Govt. of India)



AIMING TO GASIFY
100 MILLION
TONNES
OF COAL BY **2030**



CLEANER FUELS
FOR A GREENER
TOMORROW



ENERGY
SECURITY



REDUCING IMPORT
DEPENDENCY



LOWER EMISSIONS
SUSTAINABLE
FUTURE



ATMANIRBHAR
BHARAT



COAL



GASIFICATION



SYNGAS



CLEAN FUELS &
CHEMICALS

COAL GASIFICATION SCHEME 1.0

 24th January, 2024



FINANCIAL INCENTIVE
SCHEME

Rs. 8,500
crore



AMOUNT
ALLOTTED

Rs. 6,133
Cr



UTILIZE
APPROXIMATELY

23
MTPA
OF COAL



INVESTMENT
MOBILIZED

Rs. 85,000
Cr



IMPORT
SUBSTITUTION

Rs. 28,000
Cr

COMPANIES PARTICIPATED



BCGCL



CGIL



CIL-BPCL



JSPL



Greta Energy
and Metal



New Era
Cleantech
Solution



COAL GASIFICATION SCHEME FINANCIAL SUPPORT

COMPANY	PRODUCT	FINANCIAL SUPPORT (Rs. Cr)
BCGCL	Ammonium Nitrate	1,350
CGIL	SNG	1,350
CIL - BPCL	SNG	1,350
JSPL	DRI	569
Greta Energy and Metal	DRI	414
New Era Cleantech Solution	Ammonium Nitrate + H ₂	1,000
New Era Cleantech Solutions	Ethanol	100



FINANCIAL SUPPORT to accelerate clean fuel & chemical production



SUPPORTING DIVERSE PRODUCTS for energy, industry, and agriculture



ENABLING INDUSTRIES DRI, SNG, chemicals, hydrogen & ethanol



DRIVING INDIA'S ENERGY TRANSITION through innovation and sustainability



COAL GASIFICATION SCHEME (2.0)

13th May, 2026

SURFACE COAL AND LIGNITE GASIFICATION PROJECTS



FINANCIAL INCENTIVE SCHEME

₹37,500 Cr



UTILISE APPROXIMATELY

75 MTPA
OF COAL

CAP STRUCTURE



PER PROJECT CAP

₹5,000 Cr



PER PRODUCT CAP

₹9,000 Cr

(EXCEPT SNG OR UREA)



PER ENTITY CAP

₹12,000 Cr

PROBABLE COMPANIES

RELIANCE INDUSTRIES LIMITED

ADANI GROUP

VEDANTA LIMITED

JINDAL GROUP

INDORAMA CORPORATION

HINDALCO INDUSTRIES LIMITED

SHYAM METALLICS

GNK RENEWABLES

COAL INDIA LIMITED

HINDUSTAN URVARAK
& RASAYAN LIMITED (HURL)



TALCHER FERTILIZER LTD.

COAL GASIFICATION BASED AMMONIA UREA COMPLEX



CAPACITY

Ammonia (2,200 TPD)
and Urea (3,850 TPD)



COAL CAPACITY

2.5 MMTPA of Coal
from Talcher Mines



PET-COKE REQUIREMENT

0.33 MMTPA
from Paradip Refinery
of IOCL



OUTPUT

1.27 MMTPA of 'Neem'
coated prilled urea
using coal as feedstock



PROJECT COST

Approx.
Rs. 13,277 Cr



COAL FROM
TALCHER MINES



COAL
GASIFICATION



AMMONIA
PRODUCTION



UREA
PRODUCTION



NEEM COATED
PRILLED UREA



COAL GASIFICATION CAPACITY OPERATIONAL OR UNDER IMPLEMENTATION



JINDAL STEEL LIMITED
~8 MTPA
(OPERATIONAL)



TALCHER FERTILISERS LIMITED (TFL)
~2.6 MTPA
(UNDER IMPLEMENTATION)



8 PROJECTS UNDER
₹8,500 CRORE FINANCIAL
INCENTIVE SCHEME
~12 MTPA
(UNDER IMPLEMENTATION)



~8 MTPA
OPERATIONAL

~2.6 MTPA
UNDER
IMPLEMENTATION

~12 MTPA
UNDER
IMPLEMENTATION

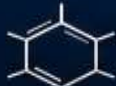


22.6

MILLION TONNES PER ANNUM (MTPA)
OF COAL GASIFICATION CAPACITY IS
OPERATIONAL OR UNDER IMPLEMENTATION.



SECTOR – USAGE

SECTOR	USAGE
 STEEL	 Direct Reduced Iron (DRI)
 FUELS	 SNG  HYDROGEN  DME  DIESEL  AVIATION FUEL
 FERTILIZERS	 UREA UREA  AMMONIA
 ENERGY	 POWER
 CHEMICALS	 NH_4NO_3 AMMONIUM NITRATE  METHANOL  ETHANOL  ACETIC ACID  FORMALDEHYDE  OLEFINS



PANEL DISCUSSION

Unlocking Final Investment Decision (FID): Bridging the Gap from Policy Support to Bankable Projects

Key Discussion Topics

Redesigning Policy Support

Residual Risks despite Central Financial Incentives

Enhancing Project Bankability & Financing Structure

Resolving Revenue and Off-take Disconnect

Secure Anchor Buyers

Insulate against Import Dumping

Refine Build-Own-Operate (BOO) Framework

PANEL DISCUSSION

Unlocking Final Investment Decision (FID): Bridging the Gap from Policy Support to Bankable Projects

SPEAKERS



Prof. Ganapati D. Yadav
Bhatnagar Fellow
National Science Chair
Former Vice Chancellor
ICT, Mumbai



Ms. Rupinder Brar
Additional Secretary &
Nominated Authority (Coal)
Ministry of Coal, Govt. of India



Mr. Amrit Lal Meena
Former Coal Secretary
Govt. of India



Mr. Balasaheb Darade
Founder
New Era Cleantech



Mr. Vivek Bhatia
Managing Director & Chief Executive Officer
TKIL Industries Pvt. Ltd.



Mr. Pravin Prashant
Executive Editor
Indian Chemical News

PANEL DISCUSSION

Technology Selection & Project Execution: Engineering Success in India

Key Discussion Topics

- Technology Selection & Adaptation
- Fluidized Bed Versus Entrained Flow
- Ash Management Systems
- Project Execution & EPC Management
- Operational & Financial De-risking
- Overcoming Indian Coal Technology Barrier

PANEL DISCUSSION

Technology Selection & Project Execution: Engineering Success in India

SPEAKERS



Mr. Jacob Thomas
Chief Executive Officer
Latitude Energy



Dr. Partha P. Maitra
President - Strategy & Initiatives
Reliance Industries



Mr. Atul Choudhari
Chief Technology Officer
Tata Consulting Engineers Ltd.



Mr. Naveen Ahlawat
Head - Sustainability
& Decarbonisation
Jindal Steel



Mr. SV Srinivasan
President - Gasification
Kartikay Vayunandana Pvt. Ltd.



Dr. V. Ravi Kumar
Chief General Manager - R&D
BPCL



Mr. Satyabrata Biswas
General Manager
Engineers India Ltd.



Mr. Debashish Nanda
Former Director
Coal India

PANEL DISCUSSION

Risk, Reward, and Reality:

Strategies for Consortium Building and
Rapid Project Execution

KEY DISCUSSION TOPICS

Consortium Building (JVs with PSUs)

Role of Parties across Project Lifecycle

Risk Sharing

Capital Intensity & Financing Costs

Financial Incentives

Water and Land Acquisition

Offtake and Revenue Diversification

PANEL DISCUSSION

Risk, Reward, and Reality: Strategies for Consortium Building and Rapid Project Execution

SPEAKERS



Mr. Vishal Choudhary
Scientist (F), Office of
Principal Scientific Adviser
to Government of India



Mr. Vaibhav Kakulte
President - Business Development
& Corporate Planning
Greta Energy



Mr. Lovesh Singla
Senior Vice President
SBI Caps



Mr. Viswanathan Rajendran
Partner
Kearney



Dr. Alok Sharma
Former Director - R&D
IOCL

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