

# PRAKASH Portal

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The Union Minister of State for Power and New & Renewable Energy and the Union Minister for Coal, Mines **PRAKASH (Power Rail Koyla Availability through Supply Harmony) portal**

## **Background**

**The present mechanism to review the coal supply situation consists of an inter-ministerial group that has officials from Ministries of Power, Coal, Railways, CEA, power utilities and coal companies.** This group holds weekly meetings to review the coal supply situation as well as railway logistics. It was observed that **this mechanism faced several issues such as scattered information, the correctness of data from different organizations, timely availability of data, etc.** This often led to difficulties in decision making

To address such situations, Ministry of Power asked CEA for establishment of a transparent mechanism to monitor the coal availability at loading site (CIL, SCCL), placement of rakes by Railways (CRIS) and availability of coal at power stations (NTPC / DVC / State utilities) and also directed NTPC to facilitate CEA for portal development.

## **Aim of the Portal**

The Portal aims at **bringing better coordination for coal supplies among all stakeholders viz – Ministry of Power, Ministry of Coal, Coal India, Railways and power utilities.** This is an important step in ensuring adequate availability and optimum utilization of coal at thermal power plants.

**The Portal is designed to help in mapping and monitoring the entire coal supply chain for power plants, viz :**

- Coal Stock at supply end (mines),
- Coal quantities/ rakes planned,
- Coal quantity in transit and
- Coal availability at power generating station.

## **Benefits of Portal to the Stakeholders**

The portal makes available following information on a single platform ;

- **Coal company will be able to track stocks** and the coal requirement at power stations for effective production planning
- **Indian Railways will plan to place the rakes as per actual coal available** at siding and stock available at power stations.
- **Power stations can plan future schedule** by knowing rakes in the pipeline and expected time to Reach.
- **Stock at power generating station**
- **Ministry of Power /Ministry of Coal/ CEA/ POSOCO can review the overall availability of coal** at thermal power plants in different regions

## **Who developed this Portal?**

PRAKASH Portal is **developed by NTPC and sources data from different stakeholders such as Central Electricity Authority (CEA), Centre for Railway Information System (CRIS) and coal companies.**

## **Reports of the Portal**

Currently, the Portal will make available four reports as detailed below –

### **Daily Power Plant Status**

- This report gives **Station data related to power generation**, coal receipt, consumption, and stock.
- The report **can be generated utility wise, state-wise and**

**sector-wise** (default utility-wise).

### **Periodic Power Plant Status**

- The report gives Station data related to power generation, coal receipt, consumption and stock for the selected period.
- Coal materialization based on dispatch by coal company is available.

### **Plant Exception Report**

- This report gives **materialization and rakes** in the pipeline through Rail.

### **Coal Dispatch Report**

- The report gives **coal subsidiary wise dispatch** for a particular period.
- It also gives **source wise** details of coal dispatch.
- A dispatch trend is also shown.
- Plantwise and siding wise details are available.