

THIRD INDO-US WORKING GROUP MEETING ON COAL

WASTE COAL UTILISATION

CMPDI

Washery Rejects : *Present Scenario*

⇒ **Generation of Rejects in 2004-05 was 2.44 Mt from CIL washeries having**

- ⇒ *Coking Coal Washeries* : 10 - 15 % of RC feed
- ⇒ *Non-coking Coal Washeries* : 15 - 20 % of RC feed

⇒ **Washing capacity in non-CIL plants about 81 Mt :**

- ⇒ *Coking Coal* : 11.27Mt
- ⇒ *Non-Coking* : 69.6 Mt
- ⇒ *Percentage of Reject is likely to be the same as in CIL Washeries*

⇒ **Addl. non-coking Coal Beneficiation by 2011-12 (Anticipated): 185 Mty**
Approx.

Washery Rejects : *Present Scenario*

- ➔ Disposal of Rejects in an environment friendly manner posing problem
- ➔ 7 units of 10 MW has been installed at five locations for utilising coking coal washery rejects for ash % ranging from 55 to 72 in BCCL and CCL.

Thrust Area : Reject Utilization

- ➔ To establish an Efficient cost-effective technique for power generation from Washery rejects
- ➔ Ash generated from the power plant will be disposed as a back-fill material in the Opencast Mines.
- ➔ The Power Plants to envisage post combustion emission control technologies e.g. CO₂ control / sequestration etc.

Identification Of Projects

Piparwar Washery, CCL

- ➔ Rejects of existing Piparwar Washery under CCL is proposed to be utilized to establish such technique for power generation
- ➔ Ash generated from such Power Plant may be disposed as a back-fill material in the available Opencast Mines' void at Piparwar

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**THANK
YOU**