



Welcome to

# Third US-India Working Group meeting on Coal

Presentation by

Dr A V Mohan Rao  
Chairman

ST-CLI Coal Washeries Limited  
(SCCWL)



# Present Scenario

## SCCWL

### Existing Operation Coal Beneficiation Plant - Korba (Chhattisgarh)





## 1999 - Single module with 3 MTPA







2005-06 Two modules with 6 MTPA



MANU

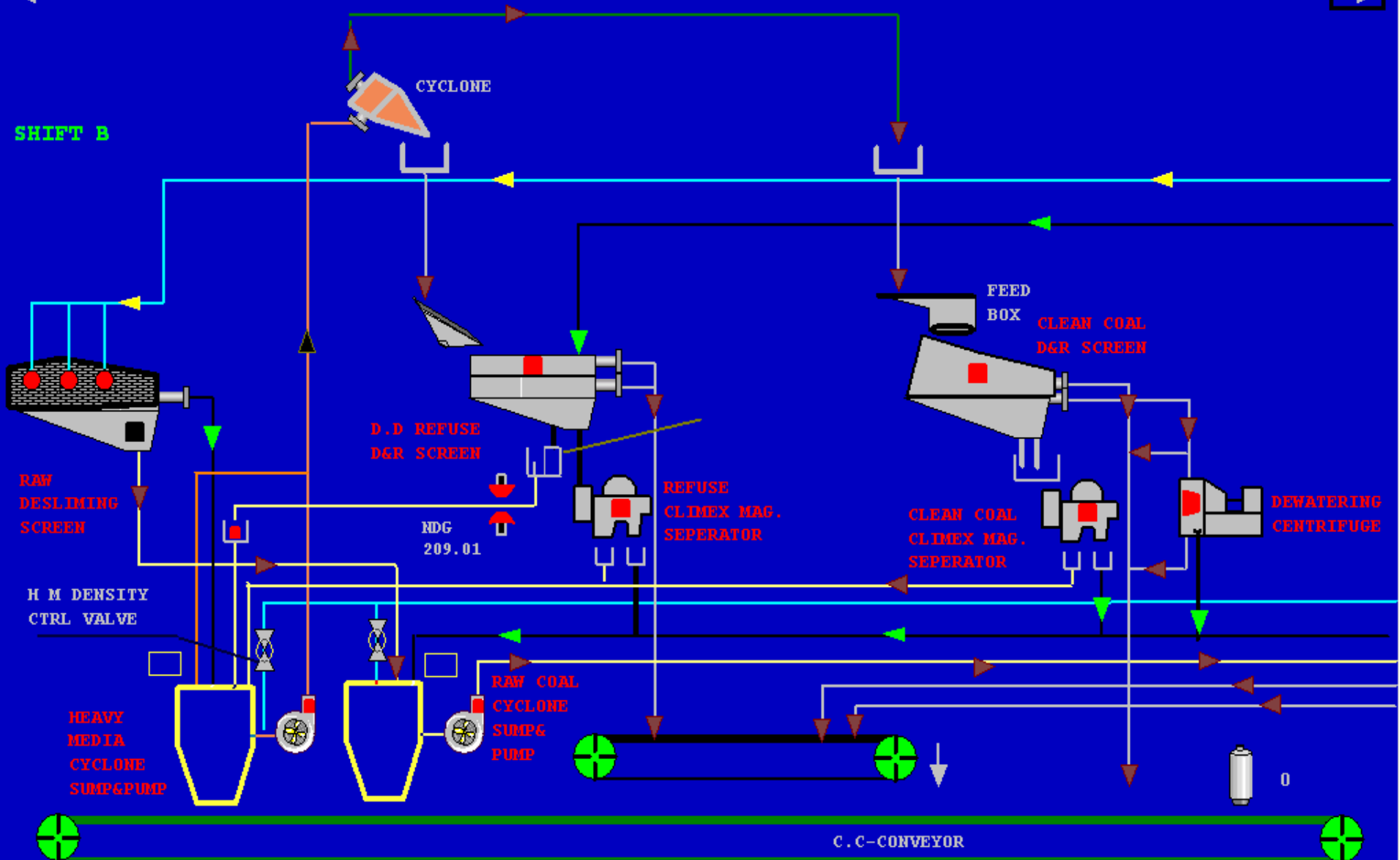
E\_STOP

Alarm

# ST-CLI PLANT VIEW

## Plant Process Control

SHIFT B





# Reject Pile in 1999





# Reject Pile 2006







# Reject Pile 2006







# Reject Pile 2006 (Burnt)



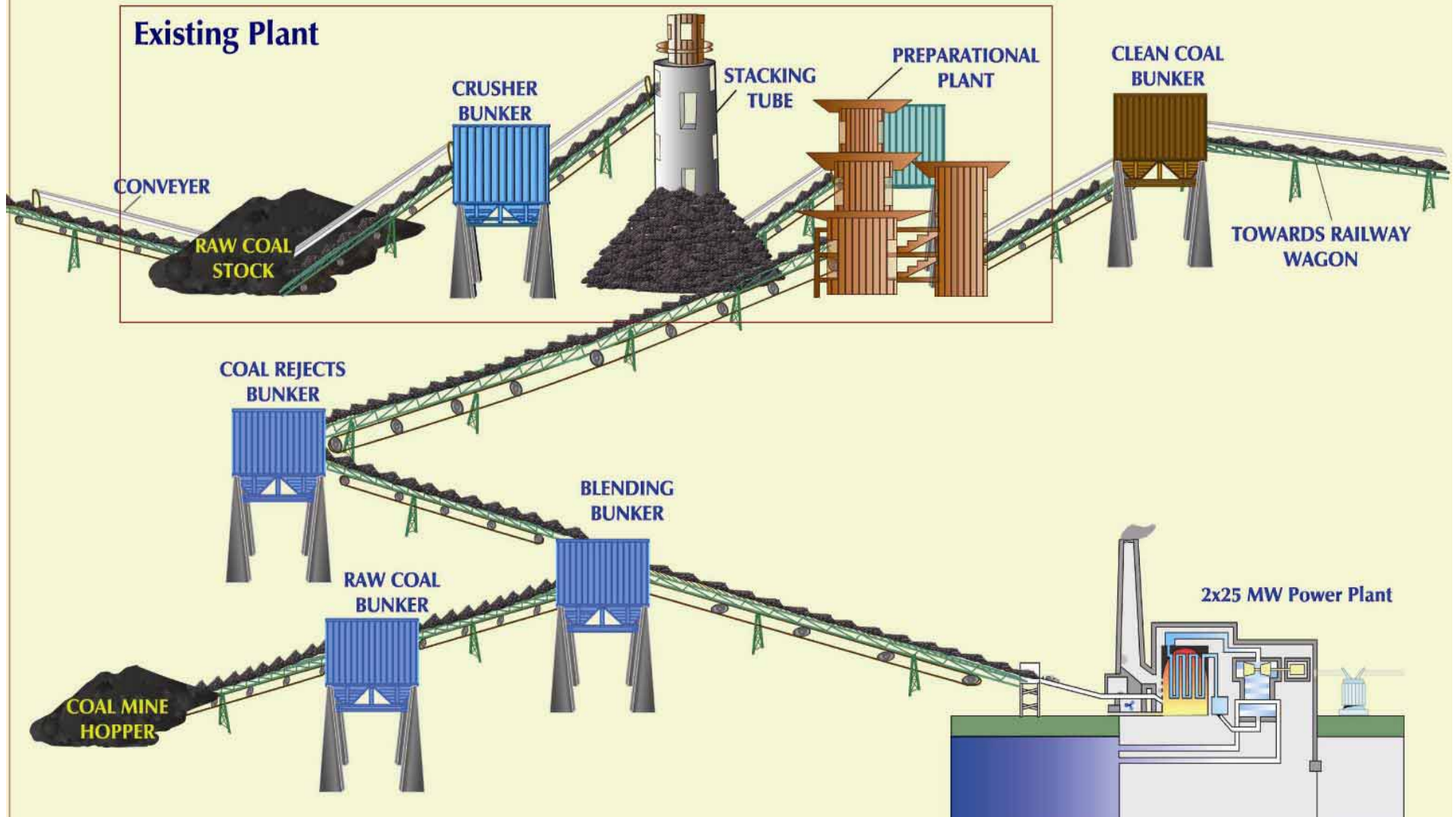


## Requests Made

- Proposed Raw Coal Conveyor System from CHP to Washery in the 2004
- Proposed Clean Coal Conveyor System from Washery to Railway Siding in 2004
- Proposed Coal Reject based Power Plant in 2001



# Proposed RLS and Power Plant







# Clean Coal at the Siding







# Clean Coal at Siding after loading



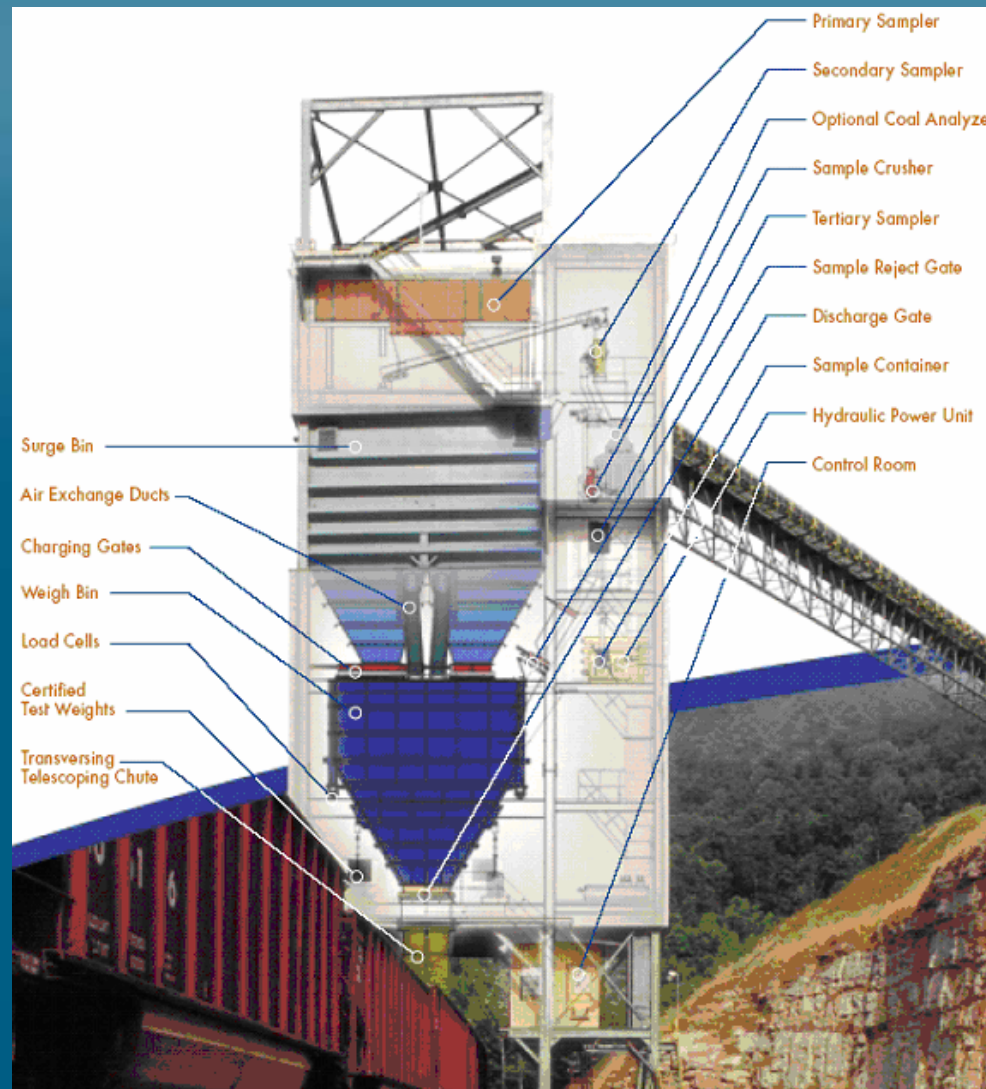


## New Dipka Railway Siding (1.5 km from the Washery Plant)



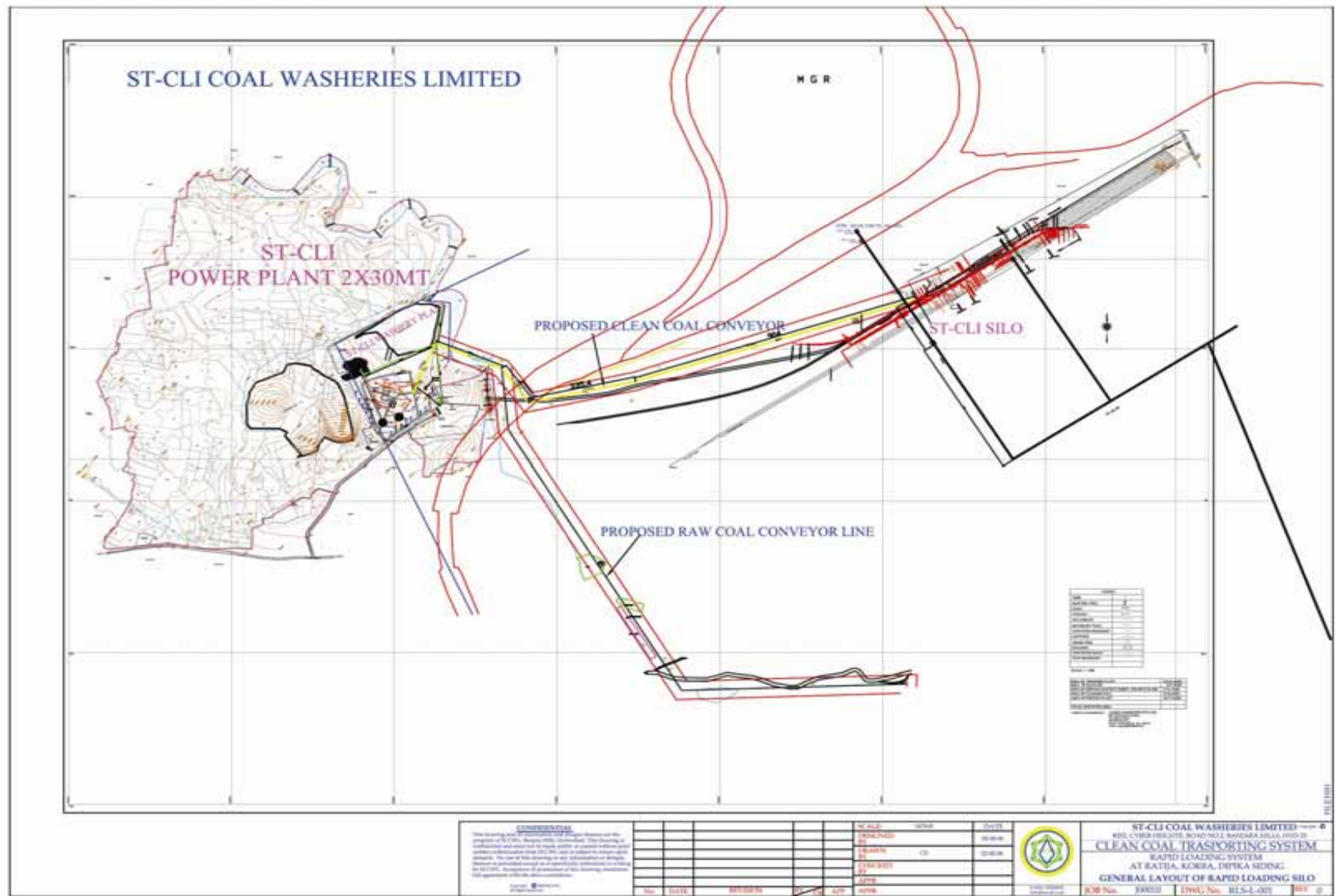


# Proposed RLS at Dipka Siding



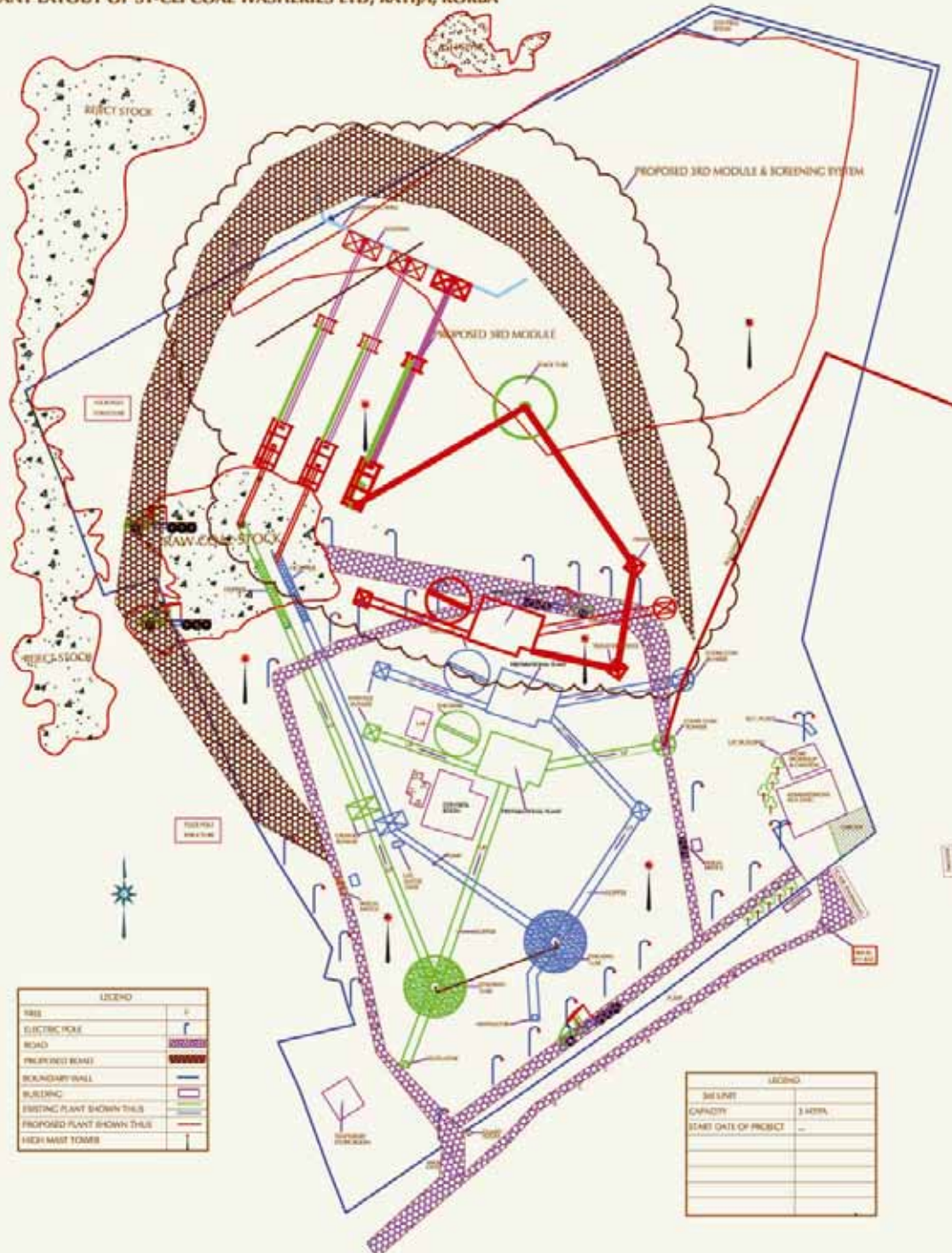


# Master Plan for RLS





PLANT LAYOUT OF ST-CLT COAL WASHERIES LTD, RATIJA, KORBA



# Korba Washery Plant



## Projects - Upcoming

- Rapid Loading System In order to facilitate better & time bound dispatch of clean coal, SCCWL is installing a Rapid Loading Silo System (RLS) that will generate significant cost savings to the customer.
- Additional 3 MTPA Washery module at Korba



## Projects - Upcoming

- Rejects based Power Plant at Korba (Chhattisgarh)  
In addition to the expansion in Coal Beneficiation capacity, SCCWL is working on adding 2x30 MW Reject-based power plants at the Korba site.
- Power generated will be supplied to the present customers for whom we are processing raw coal.



## Project - In Progress

- Power Grade Coal Washery at Talcher, Orissa. (Under Construction)

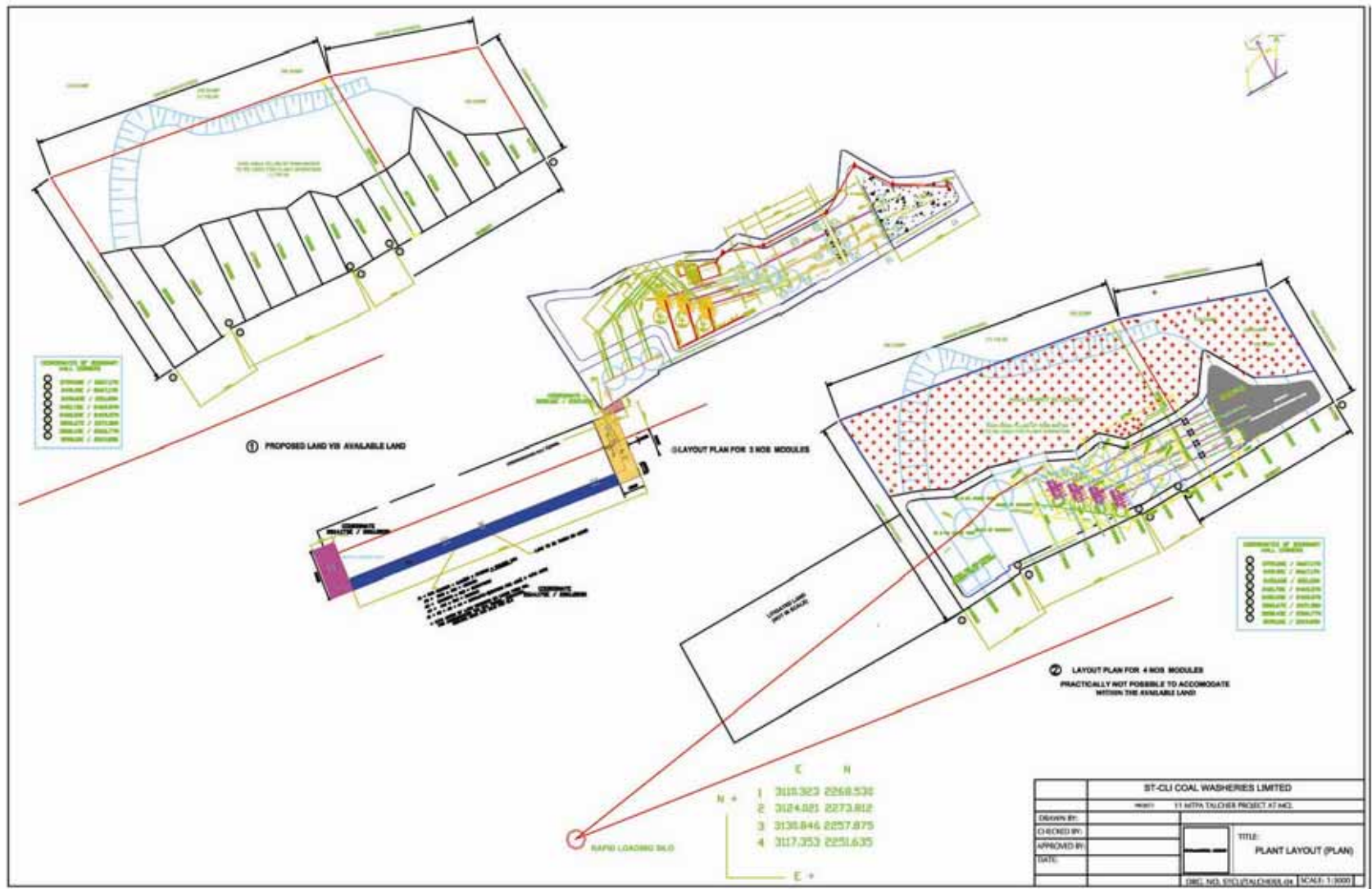
11 MTPA facility is under construction on BOO basis with a 20-year contract signed with Andhra Pradesh Power Generation Company (APGENCO) at Mahanadi Coal Fields Limited facility (MCL) in Angul, Orissa.

- Project to supply washed Coal to be completed by Jan 2007, this facility would be one of the largest "HMC" Coal Beneficiation plant in India.





# Talcher Layout





# Talcher Construction in Progress







# Talcher Construction in Progress







# Talcher Construction in Progress



21/03/2006 12:37





## Need of the Hour

- Faster approvals & active participation by local coal companies for RLS installation, raw coal conveyor system and other infrastructure requirements
- Better Utilization of Rejects: Requires availability of de-coaled area for ash disposal - from the power project
- Installation of signaling system and Availability of rakes at Dipka siding 5-6/day



Thank you

[www.sccwl.com](http://www.sccwl.com)