

MANAGEMENT INFORMATION SYSTEM  
*For*  
THERMALS

User Manual

## About the Project

The Application Software '*Management Information System for Thermals*' is developed for the generation of MIS reports, required by the O/o Director/ Generation, PSPCL Patiala. Various reports, as & when required on Daily or Monthly basis, can be generated using this software after ensuring regular data entry.

❖ The reports that can be currently generated are:

1. Detail of Rakes Loaded to PSPCL TPSs.
2. Detail of Rakes Received at PSPCL TPSs.
3. Coal Stock Position at PSPCL TPSs/IPPs.

❖ The Data Entry Screens that are designed for the generation of above mentioned reports comprise:

1. Rake Data Entry Screen
2. Coal Stock Entry Screen

❖ The *System Administration* part of the software includes Creation/Modification/Deletion of end users & Maintaining Screen Access rights for end users.

❖ The application software also has the provision for *Maintaining the Logs* related to the work done by various End Users.

# Login Page



**Punjab State Power Corporation Limited**

MIS Application for Thermal Plants

Login

About

LOG IN

Please enter your username and password.

Account Information

Employee ID:



Password:

Log In

## Rake Entry Screen

**PSPCL** Punjab State Power Corporation Limited  
Powering Punjab, Enriching Lives.

MIS Application for Lehra Mohabbat Thermal Plant, FUEL Cell

Entry Screens Reports User Details History Logout

### RAKE ENTRY

Enter Date:

RAKES LOADED ON:

BCCL	CCL	MONNET	PANEM
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

SAVE

RAKES RECEIVED ON:

BCCL	CCL	MONNET	PANEM
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

SAVE


COMMITTED MONTHLY RAKES FOR:

BCCL	CCL	MONNET	PANEM
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

The data entry in Rake Entry screen will be done by Fuel Cell of respective Thermal Power Stations (TPSs) & O/o CE/Fuel, PSPCL Patiala in their relevant sections. The *Rakes Loaded & Rakes Received* section of the screen requires Daily data entry by Fuel Cell of PSPCL TPSs and *Committed Monthly Rakes* section requires data entry on Monthly basis by the O/o CE/Fuel, PSPCL, Patiala.

## Coal Stock Entry Screen

(For PSPCL TPSs)

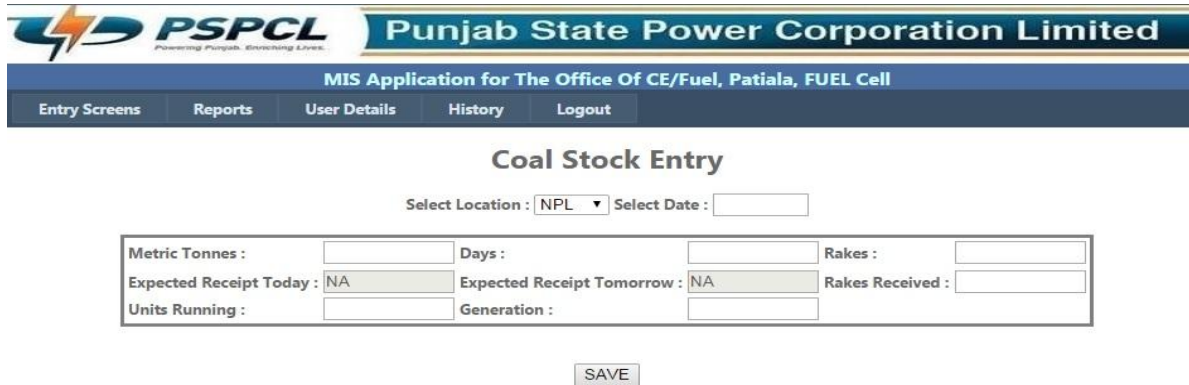


The screenshot shows the PSPCL logo and name at the top, followed by the application title "MIS Application for Ropar Thermal Plant, FUEL Cell". A navigation bar contains "Entry Screens", "Reports", "User Details", "History", and "Logout". The main heading is "Coal Stock Entry". Below it is a "Select Date" field. A data entry table has the following fields: Metric Tonnes, Days, Rakes, Expected Receipt Today, Expected Receipt Tomorrow, Rakes Received (with value NA), Units Running, and Generation. A "SAVE" button is located below the table.

Metric Tonnes :	<input type="text"/>	Days :	<input type="text"/>	Rakes :	<input type="text"/>
Expected Receipt Today :	<input type="text"/>	Expected Receipt Tomorrow :	<input type="text"/>	Rakes Received :	NA
Units Running :	<input type="text"/>	Generation :	<input type="text"/>		

SAVE

(For IPPs)



The screenshot shows the PSPCL logo and name at the top, followed by the application title "MIS Application for The Office Of CE/Fuel, Patiala, FUEL Cell". A navigation bar contains "Entry Screens", "Reports", "User Details", "History", and "Logout". The main heading is "Coal Stock Entry". Below it is a "Select Location" dropdown menu (set to NPL) and a "Select Date" field. A data entry table has the following fields: Metric Tonnes, Days, Rakes, Expected Receipt Today (with value NA), Expected Receipt Tomorrow (with value NA), Rakes Received, Units Running, and Generation. A "SAVE" button is located below the table.

Metric Tonnes :	<input type="text"/>	Days :	<input type="text"/>	Rakes :	<input type="text"/>
Expected Receipt Today :	NA	Expected Receipt Tomorrow :	NA	Rakes Received :	<input type="text"/>
Units Running :	<input type="text"/>	Generation :	<input type="text"/>		

SAVE

The data entry in Coal Stock Entry screen will be done on Daily basis regarding the *Opening Balance of Coal Stock Position* by Fuel Cell of PSPCL Thermal Power

Stations (TPSs) and by O/o CE/Fuel, PSPCL, Patiala for Independent Power Plants (IPPs).

### Maintenance of Logs (History) Screen

The screenshot displays the user interface for the 'MIS Application for Lehra Mohabbat Thermal Plant, FUEL Cell'. At the top, there is a header with the PSPCL logo and the text 'Punjab State Power Corporation Limited'. Below this is a navigation bar with tabs for 'Entry Screens', 'Reports', 'User Details', 'History', and 'Logout'. The 'History' tab is currently active. The main content area is titled 'HISTORY' and contains several search filters: 'Page Name' (a dropdown menu with 'SELECT' selected), 'User Location' (a dropdown menu with 'LEHRA MOHABBAT' selected), 'Action Type' (a dropdown menu with 'SELECT' selected), 'Entry of Date' (a text input field), and 'Entry on Date' (a text input field). To the right of these filters are two buttons labeled 'SHOW' and 'RESET'.

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Data entered by end users can be checked anytime through this screen by entering the parameters mentioned in this screen.