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OPERATION MANUAL

For

External User of CEAIMS system

For ONLINE Daily/Monthly

Data Entry

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LOGIN

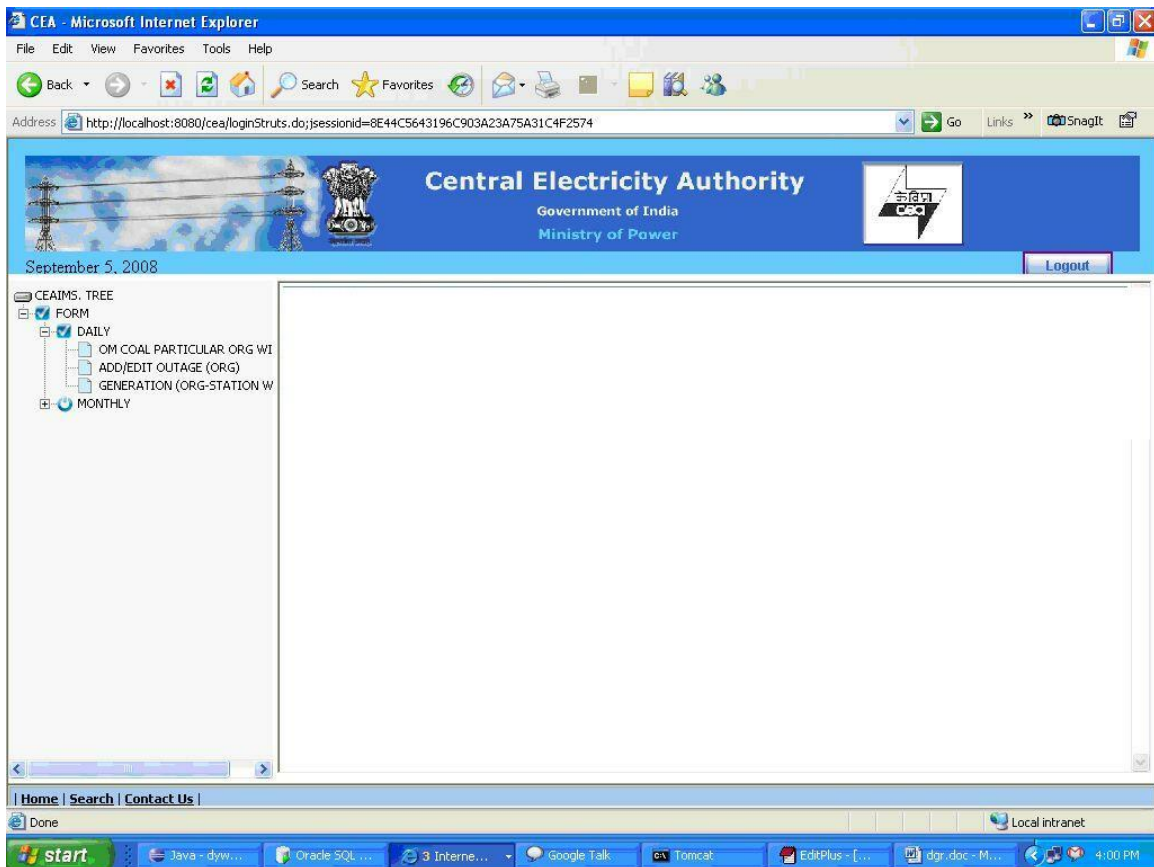
To Login CEA-IMS online data entry application follows the link below <http://cea.nic.in> and then click on **Hindi/English** then click on **CEA-IMS** link in the top left menu on home page, Login screen will open as shown below:

User Domain:

User Name:

Password:

Enter User Name and Password and then press enter or click on submit button. Now Home Page will appear as shown below.



In Left Pane the tree menu will appear on the basis of the rights given to the logged user.

Click on plus sign on the left hand side menu.

Add/Edit Daily Outage

To enter/edit outage data click on Add/ Edit Outage link in the left pane.
Form will open as below...

CEA - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://10.1.1.10:9080/ceonline/loginStruts.do

Central Electricity Authority
Government of India
Ministry of Power

September 4, 2008

Logout

CEAIMS TREE

- FORM
 - DAILY
 - OM COAL PARTICULAR ORG WISE
 - ADD/EDIT OUTAGE (ORG)
 - GENERATION (ORG-STATION WISE)

G0&D --> OPM --> Outage Form

Outage Form

Search Criteria

Activity To Be Done*	Add Daily Outage
Organization Name	Damodar Valley Corporation.
State	-Select-
Station Name	-Select-
Unit Name	-Select-

Submit Reset

Home | Search | Contact Us |

Done

start

Debug - Commo... sanjay sharma CEA - Microsoft I... untitled - Paint manual for exter... 4:24 PM

Every form is made for Adding and Modifying the existing data.
By Default in **Activity to be done** field, **Add Daily Outage** is selected.
Select **Edit daily outage**, while modifying the existing data.

Select State Name
Select Station
Select Unit No.

There are 2 buttons provided namely submit and reset.

Submit → To go to Add / Edit page.
Reset → To resetting all the values on the form.

Click on submit button.

You will see the following screen

In Outage Date Field → Enter Trip Date and enter time in field next to date.

Date must be in format of DD-MON-YYYY and time should be in 24hrmm format.
Either use up and down arrow keys for changing dates or change it manually.

In Outage reason field select outage reason from the combo box.

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CEAIMS. TREE
FORM
DAILY
OM COAL PARTICULAR ORG
ADD/EDIT OUTAGE (ORG)
GENERATION (ORG-STATION)

G0&D --> OPM --> Outage Form

Outage Form

Outage Form - Add *Mandatory Fields

Unit Details
Unit - 1
Station - CHANDRAPURA
Sector - CENTRAL
Organization - Damodar Valley Corporation.
State - JHARKHAND
Region - EASTERN
Country - India

Outage Date * 04-SEP-2008 (DD-MON-YYYY) 1111 (24hr:mm)

Outage Reason * FLAME FAILURE.

Outage Already Synchronized * No

Expected Date Of Return 5-SEP-2008

Submit Reset Back

If unit is already synchronized then select yes in Outage already synchronized combo box.

If you select yes then the screen will appear like ...

Central Electricity Authority
Government of India
Ministry of Power

September 4, 2008

Logout

CEAIMS. TREE
FORM
DAILY
OM COAL PARTICULAR ORG
ADD/EDIT OUTAGE (ORG)
GENERATION (ORG-STATION)

G0&D --> OPM --> Outage Form

Outage Form

Outage Form - Add *Mandatory Fields

Unit Details
Unit - 1
Station - CHANDRAPURA
Sector - CENTRAL
Organization - Damodar Valley Corporation.
State - JHARKHAND
Region - EASTERN
Country - India

Outage Date * 04-SEP-2008 (DD-MON-YYYY) 1111 (24hr:mm)

Outage Reason * FLAME FAILURE.

Outage Already Synchronized * Yes

Synchronization Date * (DD-MON-YYYY) (24hr:mm)

Submit Reset Back

Submit → To Save the data into database and then redirect to list Page.

Reset → To resetting all the values on the form.

Back → To redirect to list Page.

And now enter the Synchronization date and time and then press enter or click submit button.

The fields having **red *** marks are mandatory.

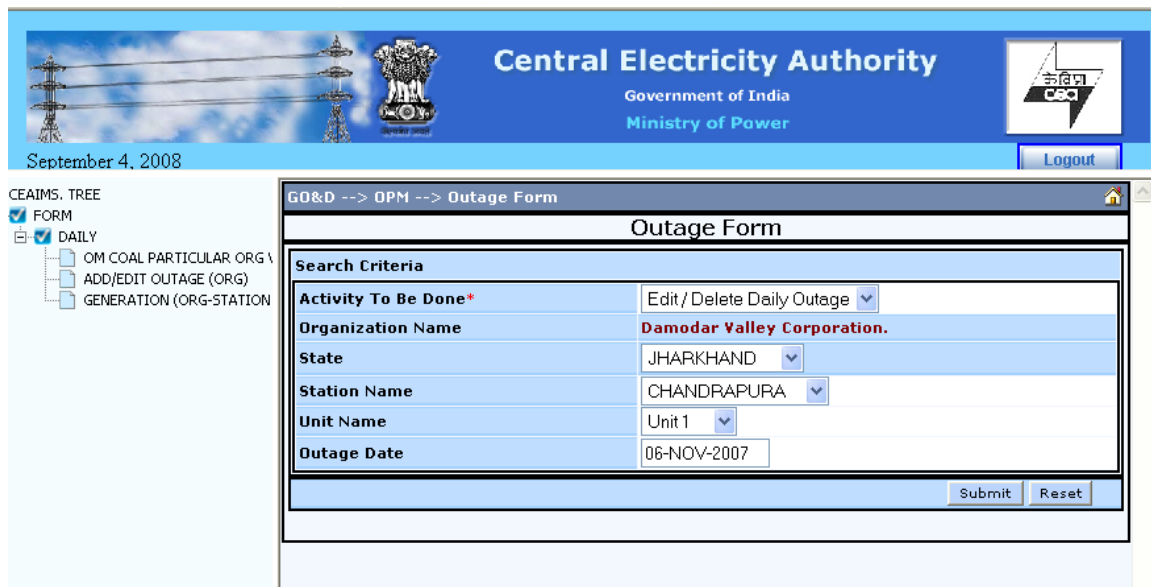
If you enter wrong data then submit button will not allow you to submit the data and an error message will be displayed as shown below.

The screenshot shows the Central Electricity Authority (CEA) website interface. At the top, there is a header with the CEA logo, the text 'Central Electricity Authority', 'Government of India', and 'Ministry of Power'. Below the header, there is a navigation menu with 'FORM' selected and 'DAILY' expanded. The main content area displays the 'Outage Form' with the following fields: 'Outage Date *' (04-SEP-2008), 'Outage Reason *' (FLAME FAILURE), 'Outage Already Synchronized *' (Yes), and 'Synchronization Date *'. An error message dialog box is overlaid on the form, indicating that the 'Outage Time', 'Synchronization Date', and 'Synchronization Time' fields are required.

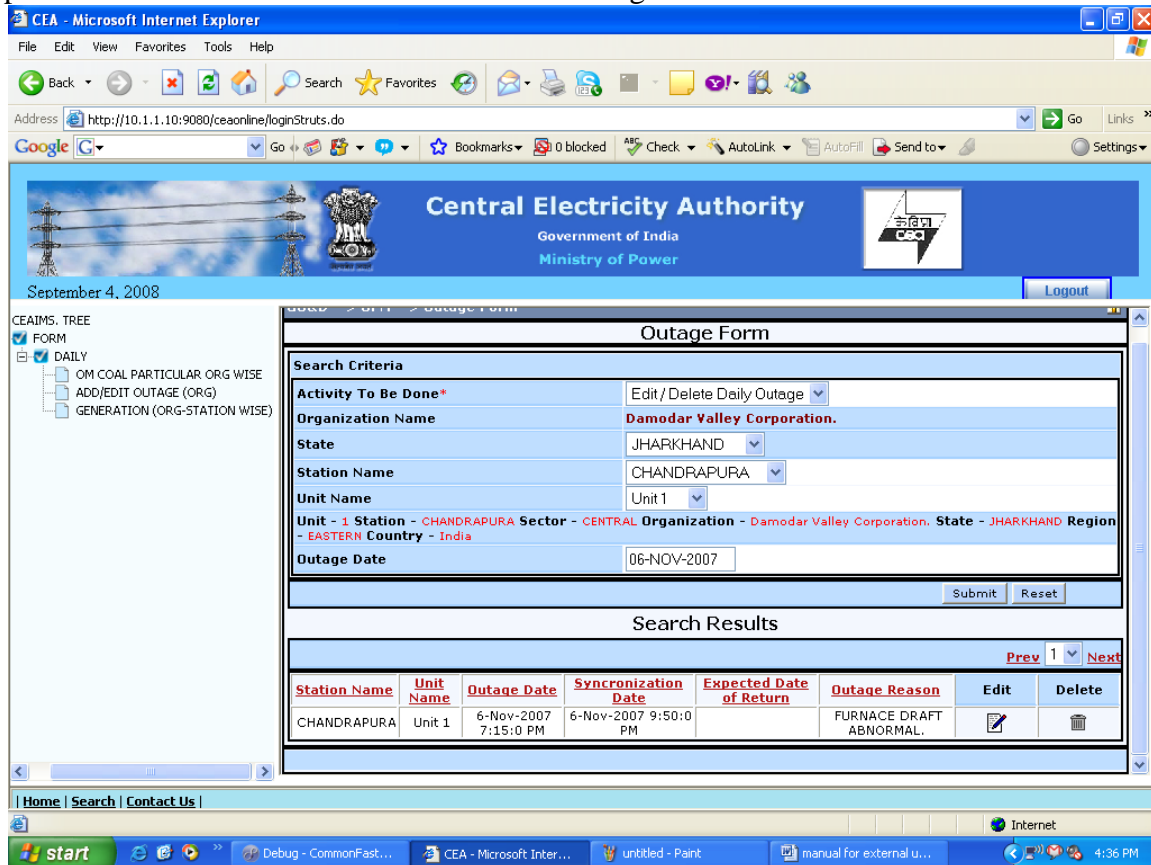
If all data are correct then after submitting it will redirect you to the list page of Unit Outage.

The screenshot shows the Central Electricity Authority (CEA) website interface. At the top, there is a header with the CEA logo, the text 'Central Electricity Authority', 'Government of India', and 'Ministry of Power'. Below the header, there is a navigation menu with 'FORM' selected and 'DAILY' expanded. The main content area displays the 'Outage Form' with the following search criteria: 'Activity To Be Done *' (Add Daily Outage), 'Organization Name' (Damodar Valley Corporation), 'State' (-Select-), 'Station Name' (-Select-), and 'Unit Name' (-Select-). The form also includes 'Submit' and 'Reset' buttons.

Now if you want to enter the synchronization date and time for the unit those were not in synchronization at the time of data entry or if you want to delete the wrong records then select Edit/Delete Daily Outage in Activity to be done combo box.



In Outage Date field if you specify a date then it will display all the outages for that particular date otherwise it will show all the outages entered into the database.



In data grid we have two links Edit and Delete.

Edit → To update the values.

Delete → To delete that particular row from database.

Update (Modify) :-

If you want to update a record then click on edit link.

Submit → To update the data into database and then redirect to list Page.

Reset → To resetting all the values on the form.

Back → To redirect to list Page.

Deletion: -

If you want to delete a record then click on delete link, a confirmation message will appear and if you click ok then the entry will be deleted.

Station Name	Unit Name	Outage Date	Synchronization Date	Expected Date of Return	Outage Reason	Edit	Delete
CHANDRAPURA		6-Nov-2007 7:15:0 PM	6-Nov-2007 9:50:0 PM		FURNACE DRAFT ABNORMAL.		

OK → To delete the record.

Cancel → To cancel the deletion action.

Add/Edit Daily Generation Org-Station wise

Click on the link Generation (Org - Station wise) in the left pane.

Form will be open as below...

The screenshot shows the Central Electricity Authority (CEA) web portal. The header includes the CEA logo, Government of India, and Ministry of Power. The date is December 10, 2008. The left navigation pane shows a tree structure with 'DAILY' selected. The main form area contains search criteria for 'Activity To Be Done' (Add Daily Generation), 'Organization Name' (DAMODAR VALLEY CORPORATION), and 'Transaction Date'. An 'Add' button is visible at the bottom right of the form.

Here on this for you will see four combo box.

Activity To be Done → Add Daily Generation , Edit/Delete Daily Generation.
At starting time **Add Daily Generation** will be selected.

Organization Name → Organization Name of the Logged User. This will appear automatically and user cannot change this.

Enter Transaction Date

Click Add Button.

As soon as you clicked add button it will move you to the data entry page as shown below.

December 10, 2008

IMS, TREE
FORM

DAILY
 OM COAL PARTICULAR ORG WI
 ADD/EDIT OUTAGE (ORG)
 GENERATION (ORG-STATION W

GO&D --> OPM --> Cea Daily Generation

Cea Daily Generation

Unit Generation Detail - Add *Mandatory Fields

Station Name: DURGAPUR - (N)

State - WEST BENGAL Sector - CENTRAL Organization - DAMODAR VALLEY CORPORATION Type - THERMAL Fuel - COAL

Transaction Date: 07-DEC-2008

Validation Rule: Unit Wise Station Wise

Unit Name	Capacity (MW)	MW Allowed	Duration of Outage (Hrs.)	Peak Load (MW)*	Gross Energy Generated during the Day (MUs)*
Unit 3	130	149.5	24.0	0.0	0.0
Unit 4	210	241.5	0.0	217	4.32

Submit Next Previous Reset

Go To Search

Transaction Date → Date of transaction.

Validation Rule → Unit Wise / Station Wise

If Unit Wise is selected then it will allow to enter Gross Generation only According to Peak Load of corresponding Unit. It will also check normal Validation like field cannot be blank and it must be a numeric value.

If Station Wise is selected then it will allow to enter Gross Generation of all units of that station in unit in first row according to Peak Load of corresponding Station. Once data is filled for the first row after pressing enter it automatically fill for rest of the units and save the data. It will also check normal validation like field cannot be blank and it must be a numeric value.

Different Buttons on the page :-

Previous → To move to the Previous Station of the Organization selected in Search page. If you click on this button it will take you to the Stations previous to the current Station. It will not save any data.

Submit → To Save the data into database and then redirect you to the next Station.

Next → To move to the Next Station. If you click on this button it will take you to the Stations next to the current Station. It will not save any data.

Reset → To resetting all the values on the form.

Go To Search → To redirect to list Page.

Yellow color is indicating that Unit is in Outage for 24hrs on that day.

Peak Load Value for first unit will be already selected when form is opened.

One enter will move you to the next field Gross Generation.

You need to fill data and press enter until the last unit data is filled.

After entering gross generation for last unit, next enter will take you to the submit button which will first check all your validations and if all validations are found ok then it will save your data into database and take you to the next page for next station's data entry.

When it comes to last station of the Organization in Search page, submit button will take you to the Search page after saving the last station's data.

Edit / Update: -

To edit select **Edit Daily Generation** in **Activity To Be Done** Combo box.

As you select Region, three extra field will be added in the form. First is for State Combo, second is for Station Combo and last one is for Transaction Date.

September 4, 2008

Central Electricity Authority
Government of India
Ministry of Power

Logout

CEAIMS TREE
FORM
DAILY
OM COAL PARTICULAR ORG WISE
ADD/EDIT OUTAGE (ORG)
GENERATION (ORG-STATION WISE)

GO&D --> OPM --> Cea Daily Generation

Cea Daily Generation (Station Wise)

Search Criteria

Activity To Be Done*	Edit Daily Generation
Organization Name	Damodar Valley Corporation.
State Name*	-Select-
Station Name	-Select-
Transaction Date	

Search Reset

Select State Name

Select Station

Enter Transaction Date

September 4, 2008

CEAIMS. TREE

- FORM
- DAILY
 - OM COAL PARTICULAR ORG WISE
 - ADD/EDIT OUTAGE (ORG)
 - GENERATION (ORG-STATION WISE)

GO&D --> OPM --> Cea Daily Generation

Cea Daily Generation (Station Wise)

Search Criteria

Activity To Be Done*	Edit Daily Generation
Organization Name	Damodar Valley Corporation.
State Name*	JHARKHAND
Station Name	CHANDRAPURA
Transaction Date	

Search Reset

Press Enter or Click Search Button.

The form will be displayed as below.

September 4, 2008

CEAIMS. TREE

- FORM
- DAILY
 - OM COAL PARTICULAR ORG WISE
 - ADD/EDIT OUTAGE (ORG)
 - GENERATION (ORG-STATION WISE)

GO&D --> OPM --> Cea Daily Generation

Cea Daily Generation (Station Wise)

Search Criteria

Activity To Be Done*	Edit Daily Generation
Organization Name	Damodar Valley Corporation.
State Name*	JHARKHAND
Station Name	CHANDRAPURA
Transaction Date	

Search Reset

Search Results

Prev 1 Next

Station Name	Transaction Date	Edit
CHANDRAPURA	4-Sep-2008	Edit
CHANDRAPURA	3-Sep-2008	Edit
CHANDRAPURA	2-Sep-2008	Edit
CHANDRAPURA	1-Sep-2008	Edit

If you want to update a record then click on edit link.

December 10, 2008

State - JHARKHAND Sector - CENTRAL Organization - DAMODAR VALLEY CORPORATION Type - THERMAL Fuel - COAL

Transaction Date: 1-DEC-2008

Validation Rule: Unit Wise Station Wise

Unit Name	Capacity (MW)	MW Allowed	Duration of Outage (Hrs.)	Peak Load (MW)*	Gross Energy Generated during the Day (MUs)*
Unit 1	130	149.5	0.0	125	2.73
Unit 2	130	149.5	0.0	122	2.8
Unit 3	130	149.5	0.0	122	2.79
Unit 4	120	138.0	24.0	0.0	0.0
Unit 5	120	138.0	24.0	0.0	0.0
Unit 6	120	138.0	24.0	0.0	0.0
Unit 7	0	0.0	0.0	0	0
Unit 8	0	0.0	0.0	0	0

Submit Reset Go To Search

It will take you to the edit page where you will get already filled data for the Station selected and transaction date filled in last page.

Now you modify the data and press enter.

You need to modify data and press enter until the last unit data is modified.

After modifying gross generation for last unit, next enter will take you to the submit button which will first check all your validations and if all validations are found ok then it will save your modified data into database and take you to the search page.

Validation checks will work here as was in Add Generation Form.

Different Buttons on the page :-

Submit → To Save the data into database and then redirect you to the Search page.

Reset → To resetting all the values on the form.

Go To Search → To redirect to Search Page.

Add/Edit Monthly Generation Org-Station wise

To enter/search Add/Edit Monthly Generation Org-Station wise click on Monthly Form would be open as below

The screenshot displays the Central Electricity Authority (CEA) web portal. The browser address bar shows the URL 164.100.45.139/ceaims/loginStruts.do. The page header includes the CEA logo, the text "Central Electricity Authority", "Government of India", and "Ministry of Power". The date "February 16, 2016" is displayed on the left, and "Contact Us" and "Logout" buttons are on the right. The left navigation pane shows a tree structure under "CEAIMS TREE" with "FORM" selected, and "MONTHLY" expanded to show "MONTHLY COAL RECEIPT", "GENERATION AND AUXILLIARY CONSUMPTION", "PARTIAL LOSS", and "ADD/EDIT OUTAGE". The main content area is currently blank, displaying a large watermark of the CEA logo. A blue banner at the bottom of the page reads "The Application is best viewed in IE7 or above." and "UNABLE TO VIEW PA". The Windows taskbar at the bottom shows the system tray with the time "1:46 PM" and date "2/16/2016".

and then click on **Generation And Auxiliary Consumption**, on the left pane as shown below.

Central Electricity Authority
Government of India
Ministry of Power

February 16, 2016

GO&D -> OPM -> MONTHLY AUXILIARY CONSUMPTION

MONTHLY AUXILIARY CONSUMPTION (STATION WISE)

ekfld lgk;d Air¼LVs'kuqokj½

Search Criteria
A' tekunAM

Financial Year * 2015-2016
forh: o'kZ

Month * February
ekg

Organization * PUNJAB STATE POWER CORP. LTD.
laxBUk

State * PUNJAB
jKT

Station Name * ROPAR TPS
LVs'ku dk Ukkk

Submit Reset

The Application is best viewed in IE7 or above. UNABLE TO VIEW PAGE PROPERLY, PLEASE CLICK HERE

1:55 PM 2/16/2016

Enter the Corresponding value in the Corresponding textbox. To Insert the Data click on the Submit button at bottom as shown below

Central Electricity Authority
Government of India
Ministry of Power

February 16, 2016

GO&D -> OPM -> MONTHLY AUXILIARY CONSUMPTION (Unit Wise)

MONTHLY AUXILIARY CONSUMPTION (Unit Wise)

AUXILIARY CONSUMPTION - Add January - 2015-2016 *Mandatory Fields

Station PANIPAT TPS

State - HARYANA Sector - STATE Organization - HARYANA POWER GENERATION CORPORATION LIMITED Type - THERMAL

** Common Station Auxiliary Consumption.

Unit Name	Capacity (MW)	Generation(MU)	Peak Load(MW)	Station Auxiliary(MU)**	Unit Auxiliary(MU)...
Unit 1	110	0	00.00	14.51	1071
Unit 2	110	0	00.00		1071
Unit 3	110	0	00.00		1305
Unit 4	110	0	00.00		1305
Unit 5	210	0	00.00		4793
Unit 6	210	0	00.00		4198
Unit 7	250	15.214	250		2.4304
Unit 8	250	122.998	258		10.705

Submit Reset Go To Search

The Application is best viewed in IE7 or above. UNABLE TO VIEW PAGE PROPERLY, PLEASE CLICK HERE

3:12 PM 2/16/2016

Fill Generation (MU), Peak Load, Station Auxiliary (MU) and Unit Auxiliary (MU) data in corresponding fields as shown above.

To Enter Partial Loss Click on the Partial Loss in the Monthly Form After this the Page is shown below:

The screenshot displays the Central Electricity Authority (CEA) web portal interface. The header includes the CEA logo, Government of India, Ministry of Power, and the date February 16, 2016. The navigation menu shows 'CEA MONTHLY PARTIAL ENERGY LOSS' selected. The main content area is titled 'CEA MONTHLY PARTIAL ENERGY LOSS - Add' for the period 'February - 2015-2016'. The form contains the following fields:

CEA MONTHLY PARTIAL ENERGY LOSS - Add		February - 2015-2016	*Mandatory Fields
Unit Details			
Unit - 1 Station - PANDPAT TFS			
Sector - STATE Organization - HARYANA POWER GENERATION CORPORATION LIMITED			
State - HARYANA Region - NORTHERN Country - India			
Energy Loss	MU		
Loss Reason	-Select-		

Buttons at the bottom of the form include 'AddMore', 'Submit', 'Reset', and 'Back'. A system message at the bottom of the browser window reads: 'UNABLE TO VIEW PAGE PROPERLY, PLEASE CLICK HERE'.

Add/Edit Monthly Outage

To enter/edit outage data click on Add/Edit Outage Link in the left pane.
The Form will open as below....

The screenshot shows a web browser window displaying the Central Electricity Authority (CEA) Monthly Outage form. The browser address bar shows the URL 164.100.45.139/ceaims/loginStruts.do. The page header includes the CEA logo and the text 'Central Electricity Authority, Government of India, Ministry of Power'. The date is February 17, 2016. The left navigation pane shows a tree structure with 'FORM' selected, and 'ADD/EDIT OUTAGE' highlighted. The main content area displays the 'CEA MONTHLY OUTAGE' form for the month of February 2016. The form includes the following fields:

Search Criteria	
Month - Year	February 2015-2016
Activity To Be Done	Add Daily Outage
Organization	PUNJAB STATE POWER CORP. LTD.
State	PUNJAB
Station Name	ROPAR TPS
Unit Name	-Select-

At the bottom of the form, there are 'Submit' and 'Reset' buttons. The Windows taskbar at the bottom shows the time as 10:26 AM on 2/17/2016.

This Form is made for **Checking/Modifying** the earlier submitted outages data and also for **Adding** the new outages which have not been reported earlier.

- You can check earlier submitted outages data
- In case of any correction, you can modify the data
- If you want to modify earlier reported outage data then select **Edit Daily Outages**
- If you want to add new the outages then select **ADD Daily Outages**.

The same procedure may kindly be followed for different Dates and Power Plant.