

# 2017

Vidyut MODE App for POSOCO

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V0.2

## [VIDYUT MODE CMS]

This document details the workflow for an admin who can access it with the valid credentials.

## Login Page

This will be a secured login page. Only authorized users will be given credentials by POSOCO team which will be shared with each state users. Login credentials of the respective users will be shared by POSOCO team separately over email.

The software is accessible from: <http://vidyutmode.in/login>



GOVERNMENT OF INDIA  
MINISTRY OF POWER

**Vidyut MODE**  
Merit Order Despatch of Electricity

Sign In to Data Entry Portal for MODE

PNBSA101

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LOG IN

Back to Home

## Daily Merit Order Data

- Option for selection of date to proceed filling the data. This data can be filled by each state owner's for their respective states.

The screenshot displays the Vidyut MODE CMS interface. At the top left, there is the Government of India logo and the text 'GOVERNMENT OF INDIA MINISTRY OF POWER'. The central header features the 'VidyutMODE' logo. On the top right, a user profile icon is labeled 'MHASA101'. A left-hand navigation menu contains four items: 'DAILY DATA UPLOAD', 'PROCUREMENT DAILY DAT...', 'MONTHLY DATA UPLOAD', and 'STATION DETAILS'. The main content area is titled 'UPLOAD DAILY DATA' and contains a form with the following fields: 'Select State' (a dropdown menu currently showing 'Maharashtra'), 'Select Date' (a date input field showing '20/06/2017' with a calendar icon), and a 'GO' button.

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- b. Load page with existing data. If data is not present, then only master values will be shown, and rest can be entered by the user

GOVERNMENT OF INDIA  
MINISTRY OF POWER

VidyutMODE

MHASA101

DAILY DATA UPLOAD

PROCUREMENT DAILY DAT...

MONTHLY DATA UPLOAD

STATION DETAILS

UPLOAD DAILY DATA

Select State: Maharashtra

Select Date: 19/06/2017

GO

No	Name of Power Station	Owner	Fixed Cost (Rs/Unit)	Variable Cost (Rs/Unit)	Total Cost (Rs/Unit)	Capacity Allocated to State (MW)	Declared Availability/Entitlement (MWh) (State Proportion)	Schedule (MW)	Schedule Outside Merit Order (Y/N)	Quantum (MW)	Reason for Deviation, if any	Remarks	
1	KAPS	Central ISGS	-	-	-	143.60			No				SAVE
2	TAPS 384	Central ISGS	-	-	-	400.21			No				SAVE
3	KSTPS 7	Central ISGS	-	-	-	127.95			No				SAVE
4	KSTPS	Central ISGS	0.66	1.30	1.96	625.53			No				SAVE

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c. Easy interface to update each row of data. Click on Edit to make data entry

 GOVERNMENT OF INDIA MINISTRY OF POWER												 MHASA101			
DAILY DATA UPLOAD		7	VSTPS-STG-IV	Central ISGS	1.58	1.41	3.00	306.88	<input type="text"/>	<input type="text"/>	No ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>	SAVE
PROCUREMENT DAILY DAT...		8	VSTPS-STG-III	Central ISGS	1.06	1.41	2.47	280.78	<input type="text"/>	<input type="text"/>	No ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>	SAVE
MONTHLY DATA UPLOAD		9	VSTPS-STG-II	Central ISGS	0.68	1.42	2.10	338.27	<input type="text"/>	<input type="text"/>	No ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>	SAVE
STATION DETAILS		10	VSTPS-V	Central ISGS	1.64	1.42	3.06	166.04	<input type="text"/>	<input type="text"/>	No ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>	SAVE
		11	VSTPS-STG-I	Central ISGS	0.83	1.51	2.34	421.06	<input type="text"/>	<input type="text"/>	No ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>	SAVE
		12	GANDHAR APM	Central ISGS	1.05	1.77	2.83	195.36	<input type="text"/>	<input type="text"/>	No ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>	SAVE
		13	KAWAS APM	Central ISGS	0.84	1.83	2.67	199.21	-	-	No	-			EDIT
		14	GANDHAR NAPM	Central ISGS	1.05	2.04	3.09	195.36	<input type="text"/>	<input type="text"/>	No ▾	<input type="text"/>	<input type="text"/>	<input type="text"/>	SAVE

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d. On successful save, a green tick will be shown

GOVERNMENT OF INDIA MINISTRY OF POWER		VidyutMODE										MHASA101		
DAILY DATA UPLOAD	7	VSTPS-STG-IV	Central ISGS	1.58	1.41	3.00	306.88			No				SAVE
PROCUREMENT DAILY DAT...	8	VSTPS-STG-III	Central ISGS	1.06	1.41	2.47	280.78			No				SAVE
MONTHLY DATA UPLOAD	9	VSTPS-STG-II	Central ISGS	0.68	1.42	2.10	338.27			No				SAVE
STATION DETAILS	10	VSTPS-V	Central ISGS	1.64	1.42	3.06	166.04			No				SAVE
	11	VSTPS-STG-I	Central ISGS	0.83	1.51	2.34	421.06			No				SAVE
	12	GANDHAR APM	Central ISGS	1.05	1.77	2.83	195.36			No				SAVE
	13	KAWAS APM	Central ISGS	0.84	1.83	2.67	199.21	-	-	No	-			EDIT
	14	GANDHAR NAPM	Central ISGS	1.05	2.04	3.09	195.36			No				SAVE

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## Power Procurement Details – Daily

- a. Option for selection of date to proceed

The screenshot displays the Viduyut MODE web application interface. At the top left, there is the Government of India logo and the text 'GOVERNMENT OF INDIA MINISTRY OF POWER'. The application title 'ViduyutMODE' is centered at the top. On the right, there is a user profile icon labeled 'MHASA101'. A left-hand navigation menu contains four items: 'DAILY DATA UPLOAD', 'PROCUREMENT DAILY DAT...', 'MONTHLY DATA UPLOAD', and 'STATION DETAILS'. The main content area is titled 'DAILY PROCUREMENT DETAILS' and features a search bar with the following elements: 'Select State' with a dropdown menu showing 'Maharashtra', 'Select Date' with a date input field showing '20/06/2017' and a calendar icon, and a 'GO' button.

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- b. After selection, prefilled data will be shown, if already present. Data if not entered, will get saved as NULL and will show on dashboard as “-”

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VidyutMODE

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DAILY DATA UPLOAD

PROCUREMENT DAILY DAT...

MONTHLY DATA UPLOAD

STATION DETAILS

DAILY PROCUREMENT DETAILS

Select State: Maharashtra Select Date: 20/06/2017 GO

No	Description	Total Energy Purchased During the Day (MWh)	Power Procurement Cost Max Rs/Unit	Power Procurement Cost Min Rs/Unit	Power Procurement Cost Avg Rs/Unit	Power Purchased at Max Rate During the Day (MWh)	Remark, If any	Action
1	Bilateral	-	-	-	-	-		EDIT
2	Power Exchange	-	-	-	-	-		EDIT

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c. Edit form for easy data entry



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## VidyutMODE

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- DAILY DATA UPLOAD
- PROCUREMENT DAILY DAT...
- MONTHLY DATA UPLOAD
- STATION DETAILS

DAILY PROCUREMENT DETAILS

Select State

Maharashtra

Select Date

20/06/2017

GO

No	Description	Total Energy Purchased During the Day (MWh)	Power Procurement Cost Max Rs/Unit	Power Procurement Cost Min Rs/Unit	Power Procurement Cost Avg Rs/Unit	Power Purchased at Max Rate During the Day (MW)	Remark, If any	Action
1	Bilateral	-	-	-	-	-		EDIT
2	Power Exchange	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 50px;" type="text"/>	<input style="width: 100%;" type="text"/>	SAVE CANCEL

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- d. A green tick is shown after saving the data

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## Monthly Merit Order Data

- Option for selection of date to proceed filling the data. This data can be filled by each state owner's for their respective states for every month.

The screenshot shows the VidyutMODE CMS interface. At the top left is the Government of India Ministry of Power logo. The header includes the text "VidyutMODE" and a user profile "MHASA101". A left sidebar contains navigation options: "DAILY DATA UPLOAD", "PROCUREMENT DAILY DAT...", "MONTHLY DATA UPLOAD" (highlighted), and "STATION DETAILS". The main content area is titled "UPLOAD MONTHLY DATA" and features a form with the following elements:

- "Select State" dropdown menu with "Maharashtra" selected.
- "Select Duration" dropdown menu with "June" selected.
- Year dropdown menu with "2017" selected.
- A "GO" button.

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- b. Load page with existing data. If data is not present, then only master values will be shown, and rest can be entered by the user

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DAILY DATA UPLOAD

PROCUREMENT DAILY DAT...

MONTHLY DATA UPLOAD

STATION DETAILS

UPLOAD MONTHLY DATA

Select State: Maharashtra

Select Duration: June 2017

GO

For the duration from 15/6/2017 to 14/7/2017

Total 35 records found.

No	Name of Power Station	Owner	Total Installed Capacity (MW)	Capacity Of Plant Allocated (MW)	Fixed Cost (Rs/kWh)	Variable Cost (Rs/kWh)	Total Cost (Rs/kWh)	Is Must Run	Remarks	Action
1	GANDHAR APM	Central ISGS	657.39	195.36	1.05	1.77	2.83	No		EDIT ✓
2	GANDHAR LF	Central ISGS	657.39	195.36	1.05	4.49	5.54	No		EDIT ✓
3	GANDHAR	Central ISGS	657.39	195.36	1.05	2.04	3.09	No		EDIT ✓

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c. Easy interface to update each row of data. Click on Edit to make data entry



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## VidyutMODE

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- DAILY DATA UPLOAD
- PROCUREMENT DAILY DAT...
- MONTHLY DATA UPLOAD
- STATION DETAILS

UPLOAD MONTHLY DATA
 ▼

Select State: Maharashtra      Select Duration: June 2017 GO

For the duration from 15/6/2017 to 14/7/2017

No	Name of Power Station	Owner	Total Installed Capacity (MW)	Capacity Of Plant Allocated (MW)	Fixed Cost (Rs/kWh)	Variable Cost (Rs/kWh)	Total Cost (Rs/kWh)	Is Must Run	Remarks	Action
1	GANDHAR APM	Central ISGS	657.39	195.36	1.05	1.77	2.83	No		EDIT ✓
2	GANDHAR LF	Central ISGS	657.39	195.36	<input style="width: 50px;" type="text" value="1.05"/>	<input style="width: 50px;" type="text" value="4.49"/>	5.54	No ▼	<input style="width: 100px;" type="text"/>	SAVE
3	GANDHAR NAPM	Central ISGS	657.39	195.36	<input style="width: 50px;" type="text" value="1.05"/>	<input style="width: 50px;" type="text" value="2.04"/>	3.09	No ▼	<input style="width: 100px;" type="text"/>	SAVE
4	KAHALGAON -	Central ISGS	1500.00	139.54	1.10	2.41	3.51	No		EDIT ✓

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- d. On successful save, a green tick will be shown

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## Station Details


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DAILY DATA UPLOAD

PROCUREMENT DAILY DAT...

MONTHLY DATA UPLOAD

STATION DETAILS

STATION MASTER DATA

Select State Maharashtra GO


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 MINISTRY OF POWER

**VidyutMODE**

MHASA101

DAILY DATA UPLOAD

PROCUREMENT DAILY DAT...

MONTHLY DATA UPLOAD

STATION DETAILS

STATION MASTER DATA

Select State Maharashtra GO

No	Name	Type Of Generation	Owner	Portfolio Of Power	No Of Units	Total Installed Capacity	State Code CSV	Capacity Allocated	Declared Availability Entitlement	Action
1	GANDHAR APM	Gas	Central ISGS		0.00	657.39	JAK	195.36	-	<a href="#">EDIT</a>
2	GANDHAR LF	Gas	Central ISGS		0.00	657.39	JAK	195.36	-	<a href="#">EDIT</a>
3	GANDHAR NAPM	Gas	Central ISGS		0.00	657.39	JAK	195.36	-	<a href="#">EDIT</a>
4	KAWAS APM	Gas	Central ISGS		0.00	656.20	JAK	199.21	-	<a href="#">EDIT</a>
5	KAWAS LF	Gas	Central		0.00	656.20	JAK	199.21	-	<a href="#">EDIT</a>

THANK YOU

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