



Web Based Power Scheduling (WBPS)

Buyer Operation Manual



**MAHARASHTRA STATE ELECTRICITY TRANSMISSION CO. LTD.
STATE LOAD DESPATCH CENTRE (SLDC) AIROLI**



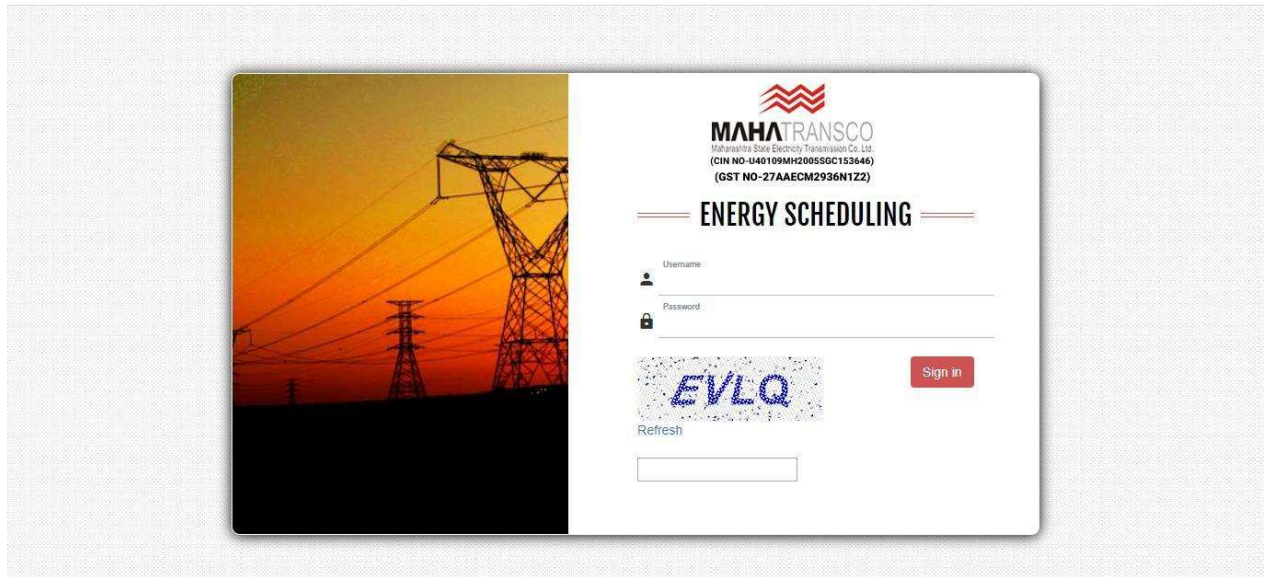
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1. LOGIN

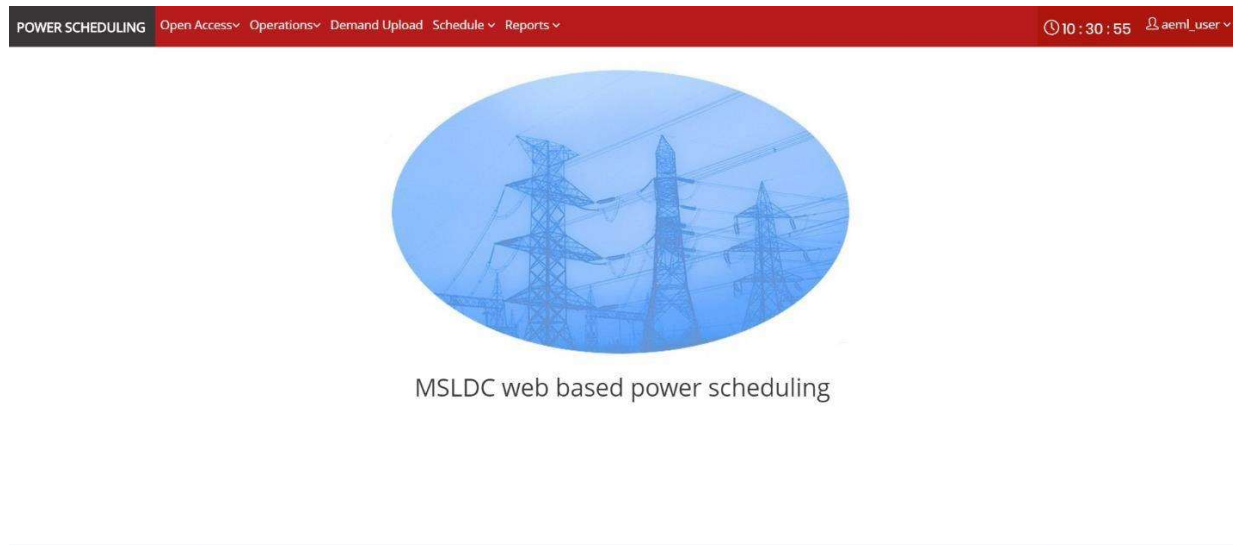
On Entering URL: <https://dsm-scheduling.mahasldc.in/> user can see screen as displayed below where user has to enter username and password.



On Entering username and password and clicking on the Sign In button the user will be redirected to the home page of the application.

2. HOME PAGE

The home page includes ‘**User details**’ and ‘**Generator Unit**’ selection (if applicable) on the upper right side of the page and sections for ‘**Power Scheduling**’ dashboard, ‘**Open Access**’, ‘**Operations – Standby Power, Hydro Resources, Zero Schedule and Intra Discom Trade**’, ‘**Demand Upload**’, view ‘**Schedule**’ and ‘**Reports**’ for the user on the upper left of the page.



3. DEMAND UPLOAD BY BUYERS

Users can click on the '**Demand Upload**' section on the upper left of the home page to open the demand upload page. Below mentioned demand upload screen page would be displayed. Here fourth block logic is implemented where each block consists of 15 mins time span and there are in all total 96- time blocks for a day.

All Buyers shall furnish their forecasted Demand and contracts (if any) to MSLDC on day ahead basis. The user (buyer) is expected to declare their daily demand (day ahead) timely as prescribed under the MERC regulation. Buyer can then still participate on the same page for daily revisions if any.

POWER SCHEDULING
Open Access
Operations
Demand Upload
Schedule
Reports
16 : 38 : 01
DISCOM_MSEDCL

UTILITY WISE DEMAND UPLOAD

UTILITY WISE DEMAND UPLOAD

Option: Current Availability
Buyer: MSEDCL
Date: 23-03-2023
Revision No: -1
Show Data

Last Demand Upload Time: no data
Last Approval / Rejection Time: No Data
Create Demand

Time Block	Time Desc	CENTRE (MW)	STATE (MW)	OPEN ACCESS (MW)	REMC (MW)	STANDBY (MW)	INTRA DISCOM TRADE (MW)	Less than 5 MW Capacity	MSEDCL_SHYDRO	Less than 5 MW Capacity	MSEDCL_OTHE
								MSEDCL_WIND	MSEDCL_SHYDRO	MSEDCL_SOLAR	MSEDCL_OTHE
1	00:00-00:15	0.000000	40	989.401	0	0.000000	0	0.000000	0.000000	0.000000	0.000000
2	00:15-00:30	0.000000	40	989.401	0	0.000000	0	0.000000	0.000000	0.000000	0.000000
3	00:30-00:45	0.000000	40	989.401	0	0.000000	0	0.000000	0.000000	0.000000	0.000000
4	00:45-01:00	0.000000	40	989.401	0	0.000000	0	0.000000	0.000000	0.000000	0.000000
5	01:00-01:15	0.000000	40	989.401	0	0.000000	0	0.000000	0.000000	0.000000	0.000000
6	01:15-01:30	0.000000	40	989.401	0	0.000000	0	0.000000	0.000000	0.000000	0.000000
7	01:30-01:45	0.000000	40	989.401	0	0.000000	0	0.000000	0.000000	0.000000	0.000000
8	01:45-02:00	0.000000	40	989.401	0	0.000000	0	0.000000	0.000000	0.000000	0.000000
9	02:00-02:15	0.000000	40	989.401	0	0.000000	0	0.000000	0.000000	0.000000	0.000000

On the demand upload page, user can see various fields like Buyer Name, Date, Revision No., Published Time (last published time of schedule by admin) and the demand upload table. The demand upload table includes headers mentioning Time Block (slot number), Time Description (slot timing), share allocation from Centre, State, Open Access, REMC and Standby (if any), Wind and Solar (less than 5 MW, if any), Cogeneration share available and other available resources if any. The table further shows the demand (in MW) for the buyer, Loss (in MW), Demand with loss (in MW), Available resources with the buyer (in MW) and Final Demand as Surplus / Shortfall quantum (in MW).

Users can upload their day ahead demand using the upload function made available above the demand upload table. Refer below mentioned snapshot for reference. User has to download the predefined format as per S&D Code by clicking on download arrow and should use this predefined 'FORM 1B - Day Ahead Drawl Schedule at T<>D Periphery by Buyer to MSLDC' file in .csv format for upload of demand.

For revisions on changes in demand by buyers during the day, users will still be able to upload FORM 1B in the Upload Demand Data section. Users can revise their demand in case from the fourth block against the current slot timing. Changes would reflect after approval from the administrator (SLDC).

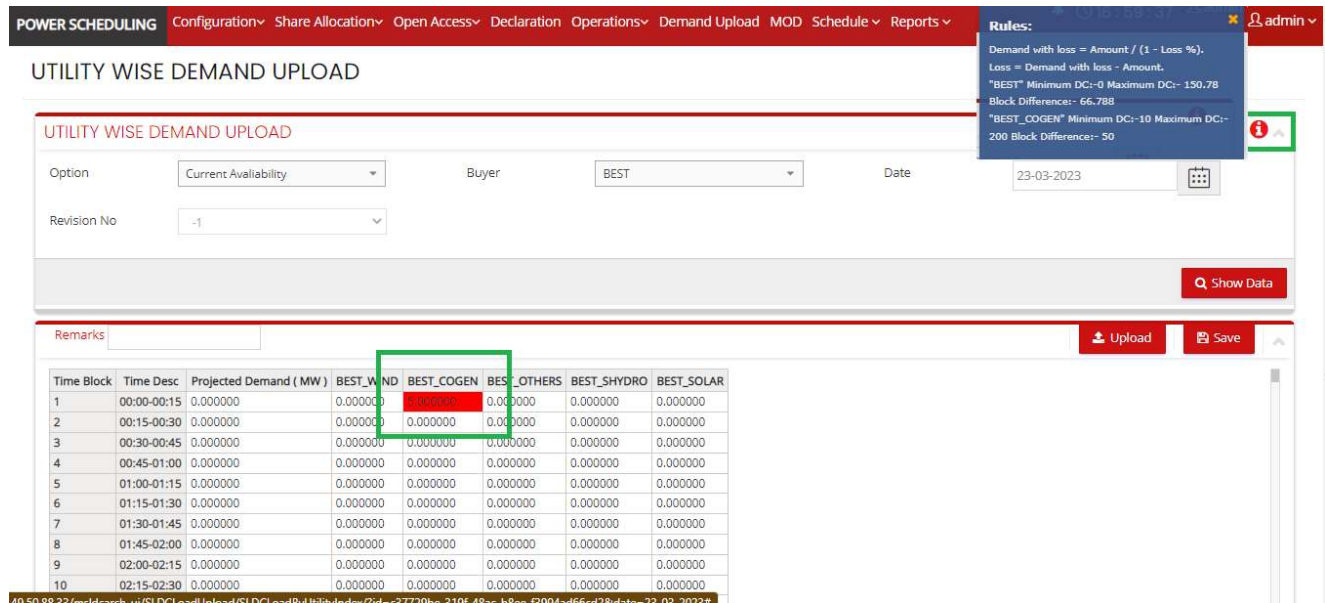
There is validation which a user should take care of while entering the Demand. All values entered / Uploaded should be in Megawatts (MW).

A remark should be entered by the user before they save the changes for demand upload / revision. Once Demand is uploaded and saved, users can see the revision of Demand is incremented. Users can see audit trails / logs for any changes done in the application at the end of the page.

There is a new demand input validation added into the application. The administrator (SLDC) will add the specific Minimum, Maximum and Range Validation amount for the specific Buyer. The users have to follow that specific value while entering the Demand.

Now the user can also be able to add their demand through the UI after clicking the "Create"

button. While entering the data, users have to follow the validation. Once there is no error and all the validation is completed, the user can enter data. Users can see the validation amount after clicking the info icon in the top. The validation will be marked in red if there is any error. The validation information will show in the blue pop up while opening the page and clicking the  info icon. The Buyer now can enter the demand through both the UI and File Upload option.



UTILITY WISE DEMAND UPLOAD

Option: Current Availability Buyer: BEST Date: 23-03-2023

Revision No: -1

[Show Data](#)

Remarks

Time Block	Time Desc	Projected Demand (MW)	BEST_WIND	BEST_COGEN	BEST_OTHERS	BEST_SHYDRO	BEST_SOLAR
1	00:00-00:15	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
2	00:15-00:30	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
3	00:30-00:45	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
4	00:45-01:00	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
5	01:00-01:15	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
6	01:15-01:30	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
7	01:30-01:45	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
8	01:45-02:00	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
9	02:00-02:15	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
10	02:15-02:30	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000

[Upload](#) [Save](#)

Three statuses are available for users to check the status of their demand upload – ‘**Pending**’, ‘**Rejected**’ and ‘**Approved**’.

Users can view ‘**Pending**’ status until administrator (SLDC) approves the revision. Once approved by the administrator the status changes to ‘**Approved**’. Users will be able to see ‘**Rejected**’ on rejection of demand upload by SLDC administrator.

4. OPEN ACCESS

The buyer can manage the Open Access Transaction through this module. In order to manage the Requisition properly the administrator (SLDC) added one new option called “Requisition Type” while entering the Requisition value. In the drop down there are three options called “Full Requisition”, “Partial Requisition” and “Surrender Requisition”. If the “Full Requisition” is selected, then the Buyer has to enter the amount same as Availability Amount. In order to change the requisition amount they have to choose “Partial Requisition”. If they choose “Surrender Requisition” then the requisition value becomes zero (0). This option is added to reduce the Reschedule Count number for the Buyers.

Paste Availability Here :		Paste Requisition Here :		
Time Block	Time Description	Availability (MW)	Requisition (MW)	Requisition Type (MW)
1	00:00-00:15	11	11	Full Requisition
2	00:15-00:30	11	5	Partial Requisition
3	00:30-00:45	11	0.000000	Surrender Requisition
4	00:45-01:00	11	11	Full Requisition
5	01:00-01:15	11	11	Full Requisition
6	01:15-01:30	11	11	Full Requisition
7	01:30-01:45	11	11	Full Requisition

4.1 MEDIUM-TERM OPEN ACCESS (MTOA)

When Buyer clicks on MTOA, then a screen opens which has MTOA Transaction records already present for the current day. Users may select different dates to see MTOA transactions effective for selected dates.

Search by Effective Date, Buyer to find all the MTOA Transactions active on that Effective Date.

Create a New MTOA Transaction by clicking on the Create New button.

Edit existing MTOA Transaction by clicking on the  icon.

Delete existing MTOA Transaction by clicking on the  icon.

Add Requisition against the MTOA Transaction by clicking on the  icon.

To view all the MTOA Requisitions against a particular MTOA Transaction, click on the  icon.

On clicking search (Show) button user can see the screen where MTOA Requisitions are displayed in table with various fields like 'Has Requisition for Today', 'Approval Number', 'Trader', 'Buyer', 'Buyer', 'from Date', 'to date', and 'Actions'.

POWER SCHEDULING Configuration▼ Share Allocation▼ Open Access▼ Declaration Operations▼ Demand Upload MOD Schedule▼ Reports▼ 14 : 26 : 39 admin▼

MTOA Transactions

Effective Date: 19-02-2021 Seller: All Buyer: All Show

List of MTOA: Create New MTOA

Search:

Has Requisition For Today	Add In Mod	Approval Number	Trader	Seller	Embedded Discm	Consumer	From Date	To Date	Actions
NO (Rev : -1)		15102020/JSW/01	JSWEL_U234	JSWEL_U234	MSEDCL	JSW_DOLVI_8554	15-10-2020	31-03-2021	
NO (Rev : -1)		15102020/JSW/02	JSWEL_U234	JSWEL_U234	MSEDCL	jsw_cement_6270	15-10-2020	31-12-2021	
NO (Rev : -1)		15102020/JSW/03	JSWEL_U234	JSWEL_U234	MSEDCL	Amba_river_coke_5860	15-10-2020	31-03-2021	
NO (Rev : -1)		15102020/JSW/06	JSWEL_U234	JSWEL_U234	MSEDCL	VirajPL_9150	15-10-2020	31-12-2021	
NO (Rev : -1)		15102020/JSW/07	JSWEL_U234	JSWEL_U234	MSEDCL	VirajPL_1500	15-10-2020	31-03-2021	

Edit MTOA Requisition

Paste Availability Here: Paste Requisition Here:

MTOA Details

Revision Number: 0 R-0

Approval Number: 15102020/JSW/02

Applicant Name: jsw_cement_6270

Application Number: JSW/02

Requisition For Date: 24-03-2023

Select Trader: JSWEL_U234

Select Buyer: MSEDCL

Select Seller: JSWEL_U234

Select Consumer: jsw_cement_6270

Select Requisition By: JSWEL_U234

Existing Remarks: mar-23

Remarks:

Time Block	Time Description	Availability (MW)	Requisition (MW)	Requisition Type (MW)
1	00:00-00:15	11	11	Full Requisition
2	00:15-00:30	11	5	Partial Requisition
3	00:30-00:45	11	0.000000	Surrender Requisition
4	00:45-01:00	11	11	Full Requisition
5	01:00-01:15	11	11	Full Requisition
6	01:15-01:30	11	11	Full Requisition
7	01:30-01:45	11	11	Full Requisition
8	01:45-02:00	11	11	Full Requisition
9	02:00-02:15	11	11	Full Requisition
10	02:15-02:30	11	11	Full Requisition
11	02:30-02:45	11	11	Full Requisition
12	02:45-03:00	11	11	Full Requisition
13	03:00-03:15	11	11	Full Requisition
14	03:15-03:30	11	11	Full Requisition
15	03:30-03:45	11	11	Full Requisition
16	03:45-04:00	11	11	Full Requisition

4.2 LONG-TERM ACCESS (LTA)

When Buyer clicks on LTA, then a screen opens which has LTA Transaction records already present for the current day. Users may select different dates to see LTA transactions effective for selected dates.

Search by Effective Date, Buyer to find all the LTA Transactions active on that Effective Date.

Edit existing LTA Transaction by clicking on the  icon which will only be editable from the admin end.

Delete existing LTA Transaction by clicking on the  icon which will only be editable from the admin end.

Add Requisition against the LTA Transaction by clicking on the  icon.

To view all the LTA Requisitions against a particular LTA Transaction, click on the  icon.

On clicking search (Show) button user can see the screen where LTA Requisitions are displayed in table with various fields like 'Has Requisition for Today', 'Approval Number', 'Trader', 'Buyer', 'Buyer', 'from Date', 'to date', and 'Actions'.

LTOA Transaction » Home

LTOA Transactions

Effective Date: 19-02-2021

Seller: All

Buyer: All

Show

List of LTOA

Create New LTOA

Search:

Has Requisition For Today	Add In Mod	Approval Number	Trader	Seller	Embedded Discm	Consumer	From Date	To Date	Actions
NO (Rev:-1)		APML_U1/74	MSEDCL	APML_U1	MSEDCL	MSEDCL	18-09-2020	28-02-2021	  
NO (Rev:-1)		APML_U1/440	MSEDCL	APML_U1	MSEDCL	MSEDCL	18-09-2020	28-02-2021	  
NO (Rev:-1)		APML_U2/1920	MSEDCL	APML_U2	MSEDCL	MSEDCL	18-09-2020	28-02-2021	  
NO (Rev:-1)		APML_U3/1920	MSEDCL	APML_U3	MSEDCL	MSEDCL	18-09-2020	28-02-2021	  
NO (Rev:-1)		APML_U4/74	MSEDCL	APML_U4	MSEDCL	MSEDCL	18-09-2020	28-02-2021	  
NO (Rev:-1)		APML_U4/440	MSEDCL	APML_U4	MSEDCL	MSEDCL	18-09-2020	28-02-2021	  
NO (Rev:-1)		APML_U5/74	MSEDCL	APML_U5	MSEDCL	MSEDCL	18-09-2020	28-02-2021	  
NO (Rev:-1)		APML_U5/440	MSEDCL	APML_U5	MSEDCL	MSEDCL	18-09-2020	28-02-2021	  
NO (Rev:-1)		T0002	SWPGL_U1234	SWPGL_U1234	BEST	BEST	24-09-2020	28-02-2021	  
NO (Rev:-1)		L00001	SWPGL_U1234	SWPGL_U1234	MSEDCL	MSEDCL	24-09-2020	28-02-2021	  

Edit LTOA Requisition

LTOA Details

Revision Number: 1 R-0

Approval Number: LTA0001

Applicant Name: LTA0001

Application Number: LTA0001

Requisition For Date: 24-03-2023

Select Trader: SWPGL_U1234

Select Buyer: MSEDCL

Select Seller: SWPGL_U1234

Select Consumer: MSEDCL

Select Requisition By: MSEDCL

Existing Remarks: Mod Toggle Update

Paste Availability Here: Paste Requisition Here:

Time Block	Time Description	Availability (MW)	Requisition (MW)	Requisition Type (MW)
1	00:00-00:15	240	180	Partial Requisition
2	00:15-00:30	240	180	Partial Requisition
3	00:30-00:45	240	180	Partial Requisition
4	00:45-01:00	240	180	Partial Requisition
5	01:00-01:15	240	180	Partial Requisition
6	01:15-01:30	240	180	Partial Requisition
7	01:30-01:45	240	180	Partial Requisition
8	01:45-02:00	240	180	Partial Requisition
9	02:00-02:15	240	180	Partial Requisition
10	02:15-02:30	240	180	Partial Requisition
11	02:30-02:45	240	180	Partial Requisition
12	02:45-03:00	240	180	Partial Requisition
13	03:00-03:15	240	180	Partial Requisition
14	03:15-03:30	240	180	Partial Requisition
15	03:30-03:45	240	180	Partial Requisition
16	03:45-04:00	240	180	Partial Requisition

Edit LTOA Requisition

LTOA Details

Revision Number: 0 R-0

Approval Number: C/LT3

Applicant Name: C/LT3/Applicant

Application Number: C/LT3/Application

Requisition For Date: 12-02-2021

Select Trader: Avaada_Energy

Select Buyer: BEST

Select Seller: TPCL_US

Select Consumer: HPCL_900000021997

Select Requisition By: HPCL_900000021997

Comments: ADMIN 1ST REQ

Paste Availability Here: Paste Requisition Here:

Time Block	Time Description	Tech Min	Ramp Up	Ramp Down	Contract (MW)	Availability (MW)
1	00:00-00:15	55.000000	100.000000	100.000000	100	100
2	00:15-00:30	55.000000	100.000000	100.000000	100	100
3	00:30-00:45	55.000000	100.000000	100.000000	100	100
4	00:45-01:00	55.000000	100.000000	100.000000	100	100
5	01:00-01:15	55.000000	100.000000	100.000000	100	100
6	01:15-01:30	55.000000	100.000000	100.000000	100	100
7	01:30-01:45	55.000000	100.000000	100.000000	100	100
8	01:45-02:00	55.000000	100.000000	100.000000	100	100
9	02:00-02:15	55.000000	100.000000	100.000000	100	100
10	02:15-02:30	55.000000	100.000000	100.000000	100	100
11	02:30-02:45	55.000000	100.000000	100.000000	100	100
12	02:45-03:00	55.000000	100.000000	100.000000	100	100
13	03:00-03:15	55.000000	100.000000	100.000000	100	100
14	03:15-03:30	55.000000	100.000000	100.000000	100	100
15	03:30-03:45	55.000000	100.000000	100.000000	100	100
16	03:45-04:00	55.000000	100.000000	100.000000	100	100

Create a New LTA Transaction by clicking on the Create New button.

Create New LTOA

Add LTOA Details

Approval Number:

Application Number:

Applicant Name:

Effective Range:

Select Trader:

AAYAN MLLP_1

Select Embedded Discom:

AAYAN MLLP_1

Select Seller:

AAYAN MLLP_1

Select Consumer:

AAYAN MLLP_1

Entry Requisition By:

AAYAN MLLP_1

Cancel

✓ Save LTOA

Add LTOA Contract

Add LTOA Contract Details

Approval Number:

APML_U1/74

Effective Range:

Enter PPA Rate:

Time Block	Time Description	Tech Min	Ramp Up	Ramp Down	Contract (MW)	Requisition Type
1	00:00-00:15	47.300000	86.000000	86.000000	86.000000	Full Requisition
2	00:15-00:30	47.300000	86.000000	86.000000	86.000000	Full Requisition
3	00:30-00:45	47.300000	86.000000	86.000000	86.000000	Full Requisition
4	00:45-01:00	47.300000	86.000000	86.000000	86.000000	Full Requisition
5	01:00-01:15	47.300000	86.000000	86.000000	86.000000	Full Requisition
6	01:15-01:30	47.300000	86.000000	86.000000	86.000000	Full Requisition
7	01:30-01:45	47.300000	86.000000	86.000000	86.000000	Full Requisition
8	01:45-02:00	47.300000	86.000000	86.000000	86.000000	Full Requisition
9	02:00-02:15	47.300000	86.000000	86.000000	86.000000	Full Requisition
10	02:15-02:30	47.300000	86.000000	86.000000	86.000000	Full Requisition
11	02:30-02:45	47.300000	86.000000	86.000000	86.000000	Full Requisition
12	02:45-03:00	47.300000	86.000000	86.000000	86.000000	Full Requisition
13	03:00-03:15	47.300000	86.000000	86.000000	86.000000	Full Requisition
14	03:15-03:30	47.300000	86.000000	86.000000	86.000000	Full Requisition
15	03:30-03:45	47.300000	86.000000	86.000000	86.000000	Full Requisition
16	03:45-04:00	47.300000	86.000000	86.000000	86.000000	Full Requisition
17	04:00-04:15	47.300000	86.000000	86.000000	86.000000	Full Requisition

Cancel

✓ Save LTOA Contract

Add LTOA Requisition

LTOA Details

Revision Number:
1
R-0
Approval Number:
LTA0001
Applicant Name:
LTA0001
Application Number:
LTA0001
Requisition For Date:
24-03-2023
Select Trader:
SWPGL_U1234
Select Buyer:
MSEDCL
Select Seller:
SWPGL_U1234
Select Consumer:
MSEDCL
Select Requisition By:
MSEDCL
Existing Remarks:
Mod Toggle Update
Remarks:

Paste Availability Here :
Paste Requisition Here :

Time Block	Time Description	Availability (MW)	Requisition (MW)	Requisition Type (MW)
1	00:00-00:15	240	180	Partial Requisition
2	00:15-00:30	240	180	Partial Requisition
3	00:30-00:45	240	180	Partial Requisition
4	00:45-01:00	240	180	Partial Requisition
5	01:00-01:15	240	180	Partial Requisition
6	01:15-01:30	240	180	Partial Requisition
7	01:30-01:45	240	180	Partial Requisition
8	01:45-02:00	240	180	Partial Requisition
9	02:00-02:15	240	180	Partial Requisition
10	02:15-02:30	240	180	Partial Requisition
11	02:30-02:45	240	180	Partial Requisition
12	02:45-03:00	240	180	Partial Requisition
13	03:00-03:15	240	180	Partial Requisition
14	03:15-03:30	240	180	Partial Requisition
15	03:30-03:45	240	180	Partial Requisition
16	03:45-04:00	240	180	Partial Requisition

4.3 SHORT-TERM OPEN ACCESS (STOA)

When Buyer clicks on STOA, then a screen opens which has STOA Transaction records already present for the current day. Users may select different dates to see STOA transactions effective for selected dates.

Search by Effective Date, Buyer to find all the STOA Transactions active on that Effective Date.

Edit existing STOA Transaction by clicking on the  icon.

Delete existing STOA Transaction by clicking on the  icon.

Add Requisition against the STOA Transaction by clicking on the  icon.

To view all the STOA Requisitions against a particular STOA Transaction, click on the  icon.

On clicking search (Show) button user can see the screen where STOA Requisitions are displayed in table with various fields like ‘Has Requisition for Today’, ‘Approval Number’, ‘Trader’, ‘Buyer’, ‘Buyer’, ‘from Date’, ‘to date’, and ‘Actions’.

Add STOA Contract

Add STOA Contract Details

Approval Number:

Effective Range: 

Enter PPA Rate:

Paste Here :

Time Block	Time Description	Ramp Up	Ramp Down	Contract (MW)	Requisition Type (MW)
1	00:00-00:15	1.032000	1.032000	0.000000	Full Requisition
2	00:15-00:30	1.032000	1.032000	0.000000	Full Requisition
3	00:30-00:45	1.032000	1.032000	0.000000	Full Requisition
4	00:45-01:00	1.032000	1.032000	0.000000	Full Requisition
5	01:00-01:15	1.032000	1.032000	0.000000	Full Requisition
6	01:15-01:30	1.032000	1.032000	0.000000	Full Requisition
7	01:30-01:45	1.032000	1.032000	0.000000	Full Requisition
8	01:45-02:00	1.032000	1.032000	0.000000	Full Requisition
9	02:00-02:15	1.032000	1.032000	0.000000	Full Requisition
10	02:15-02:30	1.032000	1.032000	0.000000	Full Requisition

STOA Transaction » Home

STOA Transactions

Effective Date:  Seller: Buyer: [Q Show](#)

List of STOA: [Create New STOA](#)

Search:

Has Requisition For Today	Add In Mod	Approval Number	Trader	Seller	Embedded Discom	Consumer	From Date	To Date	Actions
YES (Rev : 0)	☐	IFeb2100622	DIL	DIL	KRCIAPPL	KRCIAPPL	01-02-2021	28-02-2021	  
YES (Rev : 0)	☐	MSLDC/INTRA/FEB21/FIRM/6750	AEML	JSWEL_U234	AEML	MIAPL_900000784491	18-02-2021	24-02-2021	  

Showing 1 to 2 of 2 entries

Edit STOA Requisition

STOA Details

Revision Number:

Approval Number:

Applicant Name:

Application Number:

Requisition For Date: 

Select Trader:

Select Buyer:

Select Seller:

Select Consumer:

Select Requisition By:

Existing Remarks:

Remarks:

Paste Availability Here : Paste Requisition Here :

Time Block	Time Description	Contract (MW)	Availability (MW)	Requisition (MW)	Requisition Type (MW)
1	00:00-00:15	1.032	1.032	1.032	Full Requisition
2	00:15-00:30	1.032	1.032	1.032	Full Requisition
3	00:30-00:45	1.032	1.032	1.032	Full Requisition
4	00:45-01:00	1.032	1.032	1.032	Full Requisition
5	01:00-01:15	1.032	1.032	1.032	Full Requisition
6	01:15-01:30	1.032	1.032	1.032	Full Requisition
7	01:30-01:45	1.032	1.032	1.032	Full Requisition
8	01:45-02:00	1.032	1.032	1.032	Full Requisition
9	02:00-02:15	1.032	1.032	1.032	Full Requisition
10	02:15-02:30	1.032	1.032	1.032	Full Requisition
11	02:30-02:45	1.032	1.032	1.032	Full Requisition
12	02:45-03:00	1.032	1.032	1.032	Full Requisition
13	03:00-03:15	1.032	1.032	1.032	Full Requisition
14	03:15-03:30	1.032	1.032	1.032	Full Requisition
15	03:30-03:45	1.032	1.032	1.032	Full Requisition
16	03:45-04:00	1.032	1.032	1.032	Full Requisition

5. OPERATIONS

5.1 STANDBY POWER

Users can send requisition for Standby power if available with them. Click on 'Operations' > 'Standby Power' to open the page. Below mentioned snapshot shows the standby power page. The page includes details of Buyer, Date, Revision and Standby Power Requisition Table. The table includes heads mentioning Time block (slot number), Time Description (slot timing), Buyer Surplus Power (MW), Requisition (in MW) and Approved Amount (in MW).

Time Block	Time Description	MSEDCL Surplus Power (MW)	Requisition (MW)	Approved Amount (MW)
1	00:00-00:15	3111.217716	3000	0
2	00:15-00:30	794.979239	794	0
3	00:30-00:45	478.900744	478	0
4	00:45-01:00	388.69	0	0
5	01:00-01:15	389.02	0	0
6	01:15-01:30	388.14	0	0
7	01:30-01:45	389.77	0	0
8	01:45-02:00	390.61	0	0
9	02:00-02:15	390.75	0	0
10	02:15-02:30	391.59	0	0
11	02:30-02:45	393.19	0	0
12	02:45-03:00	394	0	0
13	03:00-03:15	395.21	0	0
14	03:15-03:30	395.88	0	0
15	03:30-03:45	396.12	0	0
16	03:45-04:00	396.17	0	0

For illustrative explanation, Mumbai Discom(s) sent requisition to MSEDCL for standby power available through the above-mentioned window. MSEDCL user to approve the same requisition amount in coordination with MSLDC. A notification will be sent to MSLDC against the approval of this requisite quantum.

Once the user sends the requisition for the standby power, the application displays a saved successful message and sends the same for approval. Refer below mentioned snapshot for reference.

POWER SCHEDULING
Operations
Demand Upload
Schedule
Reports

STANDBY POWER

Buyer
BEST

Date
03-03-2020

Revision No
0

Awaiting Approval
Sent On: 15-03-2020 03:08 PM

Send Requisition

Time Block	Time Description	MSEDCL Surplus Power (MW)	Requisition (MW)	Approved Amount (MW)
1	00:00-00:15	3111.217716	3000	0
2	00:15-00:30	794.979239	794	0
3	00:30-00:45	478.900744	478	0
4	00:45-01:00	388.69	0	0
5	01:00-01:15	389.02	0	0
6	01:15-01:30	388.14	0	0
7	01:30-01:45	389.77	0	0
8	01:45-02:00	390.61	0	0
9	02:00-02:15	390.75	0	0
10	02:15-02:30	391.59	0	0
11	02:30-02:45	393.19	0	0
12	02:45-03:00	394	0	0
13	03:00-03:15	395.21	0	0
14	03:15-03:30	395.88	0	0
15	03:30-03:45	396.12	0	0
16	03:45-04:00	396.17	0	0

Users can view ‘**Approval Pending**’ status until administrator (SLDC) approves the requisition. Once approved by the administrator the status changes to ‘**Approved**’. Users can then see the Approved Amount of Quantum (in MW) in the standby power table.

5.2 HYDRO RESOURCES

For Hydro requisition from the buyers, users can click on Operations>Hydro Resources and select the requisition type – Monthly / Daily from the toggle available on the page. User has to download the predefined format as per S&D Code by clicking on download arrow and entering all details of contacted sources mentioned in the format. Users can upload their demand from Hydro allocation and can change the same on a monthly / daily (selected) basis. Please refer below mentioned snapshot for the same.

The screenshot shows the 'Hydro Allocation' web application interface. At the top, there is a navigation bar with 'POWER SCHEDULING' and a dropdown menu containing 'Operations', 'Demand Upload', 'Schedule', and 'Reports'. The 'Operations' menu item is highlighted. The top right corner displays the time '12:15:06' and the user 'msldc_admin'. Below the navigation bar, the page title 'Hydro Allocation' is visible. The main content area contains a form with the following fields: 'Choose Utility' (set to 'AEML'), 'Seller' (set to 'Choose...'), 'Date' (set to '05-05-2020'), 'Choose a download type' (with 'Daily' selected), and 'Choose Buyer / Seller' (with 'Buyer' selected). There is an 'Upload' button in the top right corner of the form area. Below the form, a message 'No Data Found' is displayed.

Hydro Requisition for buyer users is to be uploaded using the 'Upload' button available. Refer the Below mentioned snapshot. (The file format should be in csv. User can use the downloaded file in .csv format and use it for upload.) Users should provide remarks before saving the uploaded changes.

POWER SCHEDULING Open Access Operations Demand Upload Schedule Reports 13 : 25 : 00 DISCOM_MSEDCL

Hydro Allocation

Choose Utility: MSEDCL

Choose a download type: ☒ Daily

Daily Energy Limit(MWH): 120.0 Restricted

Time Block	
1	00:00-00:15
2	00:15-00:30
3	00:30-00:45
4	00:45-01:00
5	01:00-01:15
6	01:15-01:30
7	01:30-01:45
8	01:45-02:00

Format :

Remarks*: please provide remarks

Cancel Save Data

Click to upload

25-01-2021

M: 558.0 Upload

Requisition (MW)

After Uploading the requisition, the data will be reflected like below:

POWER SCHEDULING Open Access Operations Demand Upload Schedule Reports 13 : 25 : 31 DISCOM_MSEDCL

Hydro Allocation

Choose Utility: MSEDCL Seller: BHIRA_U12 Date: 25-01-2021

Choose a download type: ☒ Daily

Daily Energy Limit(MWH): 120.0 Restricted Time: 0-9 12-24 Balance Water(MCM): 335.0 Water Consumed Tilldate(MCM): 558.0 Upload

Time Block	Time Desc	Availability (MW)	Requisition (MW)
1	00:00-00:15	40.000000	0.000000
2	00:15-00:30	40.000000	0.000000
3	00:30-00:45	40.000000	0.000000
4	00:45-01:00	40.000000	0.000000
5	01:00-01:15	40.000000	0.000000
6	01:15-01:30	40.000000	0.000000
7	01:30-01:45	40.000000	0.000000
8	01:45-02:00	40.000000	0.000000
9	02:00-02:15	40.000000	0.000000
10	02:15-02:30	40.000000	0.000000
11	02:30-02:45	40.000000	0.000000

5.3 ZERO SCHEDULE

Using this module, the Discom can view and specify Zero schedule. Once the seller and buyer are selected User can create a new Zero Schedule. Click on 'Operations' > 'Zero Schedule' to open the page. Below mentioned snapshot shows the zero schedule page.

Zero Schedule »

View zero schedules ⓘ

Show Open Access ☒ Choose Buyer MSEDCL Choose Seller ALL

Seller	From Date	From Time	To Date	To Time
JSWEL_U1	19-03-2023	17:00	-	-

After selecting the Buyer and seller user can select the start date and end date with specific time Block. Within that specified range the selected buyer and seller will get zero schedule value.

Zero Schedule »

Withdraw / Synchronize zero schedule

Enter Details

Buyer : **MSEDCL**

Seller : **BHUSAWAL_U3**

Zero Schedule From Date 23-03-2023 📅

Zero Schedule From Time 23:00 ▼

Zero Schedule To 📅

Zero Schedule To Time 23:00 ▼

Save Cancel

5.4 INTRA DISCOM TRADE

The trade can be made between all active operating discoms like below. Same will be scheduled accordingly. Click on 'Operations' > 'Intra Discom Trade' to open the page. Below mentioned snapshot shows the intra discom trade page.

POWER SCHEDULING Open Access Operations Demand Upload Schedule Reports 13 : 39 : 18 DISCOM_MSEDCL

INTRA DISCOM TRADE

Date: 25-01-2021 Type: ☒ Buy ☐ Sell Discrom Buyer: MSEDCL Discrom Seller: AEML Revision: -1 [Show data](#)

[Send Requisition](#)

Time Block	Time Description	AEML Surplus Power (MW)	Requisition (MW)	Approved Amount (MW)
1	00:00-00:15	30.720000	0.000000	0.000000
2	00:15-00:30	26.260000	0.000000	0.000000
3	00:30-00:45	26.040000	0.000000	0.000000
4	00:45-01:00	26.750000	0.000000	0.000000
5	01:00-01:15	24.270000	0.000000	0.000000
6	01:15-01:30	24.320000	0.000000	0.000000
7	01:30-01:45	24.930000	0.000000	0.000000
8	01:45-02:00	26.970000	0.000000	0.000000
9	02:00-02:15	34.390000	0.000000	0.000000
10	02:15-02:30	33.950000	0.000000	0.000000

6. DRAWAL SCHEDULE

6.1 NET DRAWAL SCHEDULE

When the user clicks on '**Schedule**', then the user is taken to the following page where the user can view the approved net drawal schedule of selected utility (Buyer).

The net drawal schedule will always display the target drawal schedule after the last revision happened. If there are any differences in the Net Schedule value from the previous revision it will be highlighted with yellow color so that users can identify changes clearly.

The net drawal schedule table has fields like Time Block (slot number), Time Description (slot timing), Share (Centre, Intrastate MTOA, Intrastate STOA, Intrastate LTA, IEX, PXIL, RTM_IEX, STANDBY, INTRA TRADE DISCOM, Intrastate Generation, REMC and VSE) and Target Schedule (Ex-bus), Demand and Shortfall / Surplus quantum.

POWER SCHEDULING

Open Access▼

Operations▼

Demand Upload

Schedule▼

Reports▼

⌚ 13 : 32 : 28

👤 DISCOM_MSEDCL▼

Schedule

» Net Schedule

Net Schedule

📄

🔔

Duration:

☒ Daily

☐ Range

Date:

25-01-2021

📅

Discom / Unit:

MSEDCL

Revision:

55

Show data

Time Block	Time Desc	CENTRE	INTRASTATE MTOA	INTRASTATE STOA	INTRASTATE LTA	IEX	PXIL	RTM_IEX	STANDBY	INTRA DISCOM TRADE	INTRASTATE GENERATION	RE
1	00:00-00:15	+5048.315218	+448.400000	+269.880000	+240.000000	+95.930000	0.000000	0.000000	0.000000	0.000000	+10158.125891	+490.4
2	00:15-00:30	+5061.357889	+448.420000	+269.880000	+166.960548	+95.930000	0.000000	0.000000	0.000000	0.000000	+10082.525891	+499.4
3	00:30-00:45	+5172.657020	+448.420000	+197.000507	+132.000000	+95.930000	0.000000	0.000000	0.000000	0.000000	+10057.950000	+496.0
4	00:45-01:00	+5171.957020	+448.420000	+186.630000	+132.000000	+95.940000	0.000000	0.000000	0.000000	0.000000	+10022.630648	+500.2
5	01:00-01:15	+5158.414450	+448.420000	+269.880000	+132.000000	+95.940000	0.000000	0.000000	0.000000	0.000000	+10091.618169	+498.7
6	01:15-01:30	+5159.864450	+448.420000	+269.880000	+148.734441	+95.950000	0.000000	0.000000	0.000000	0.000000	+10138.450000	+490.7
7	01:30-01:45	+5170.918781	+448.420000	+186.630000	+132.000000	+191.880000	0.000000	0.000000	0.000000	0.000000	+9978.316757	+480.2
8	01:45-02:00	+5170.568781	+448.420000	+186.630000	+132.000000	+191.880000	0.000000	0.000000	0.000000	0.000000	+9938.490110	+484.0
9	02:00-02:15	+5172.078781	+448.720000	+186.630000	+132.000000	+287.820000	0.000000	0.000000	0.000000	0.000000	+9963.602273	+484.7
10	02:15-02:30	+5172.258781	+448.720000	+186.630000	+132.000000	+287.830000	0.000000	0.000000	0.000000	0.000000	+9959.531225	+480.4
11	02:30-02:45	+5172.448781	+448.720000	+186.630000	+132.000000	+429.670000	0.000000	0.000000	0.000000	0.000000	+9610.139742	+484.3
12	02:45-03:00	+5172.188781	+448.720000	+186.630000	+132.000000	+479.690000	0.000000	0.000000	0.000000	0.000000	+9495.737908	+486.6
13	03:00-03:15	+5174.768781	+448.720000	+186.630000	+132.000000	+479.690000	0.000000	0.000000	0.000000	0.000000	+9545.076164	+501.2
14	03:15-03:30	+5176.938781	+448.420000	+186.630000	+132.000000	+479.700000	0.000000	0.000000	0.000000	0.000000	+9610.127908	+492.7

To view historic schedules, users can select Date and Revision number from the page and click on show data for the same.

7. GUIDELINES FOR BUYERS

- It is the Distribution Licensees who must intimate to MSLDC the Variable Charges of all the Generating Stations/Units from which they are procuring power for preparing the MOD Stack.
- The Distribution Licensees should be in continuous consultation with their respective Suppliers and MSLDC, for procuring the highest possible capacity from the Units permitted by the system, rather than scheduling the Units at Technical Minimum.
- Zero Scheduling has to be carried out by Distribution Licensee keeping in consideration its roles and obligations under the corresponding PPAs.
- RTM data will be incorporated in the schedule as per their contract made revision wise.

Thank You