



Web Based Power Scheduling (WBPS)

Seller Operation Manual



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



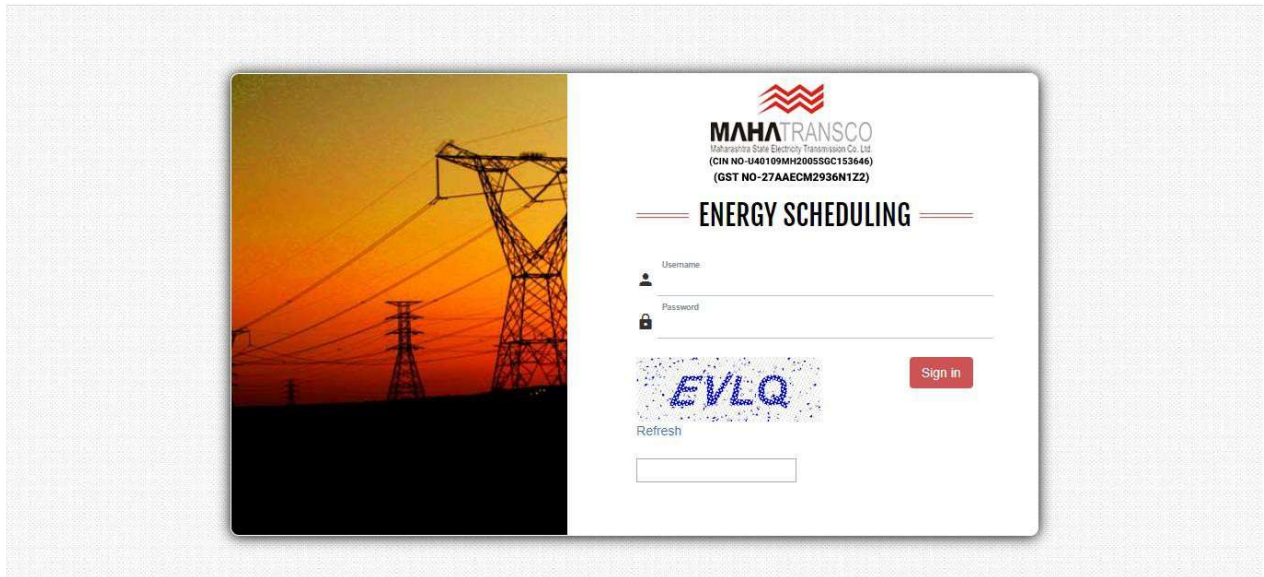
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1. LOGIN

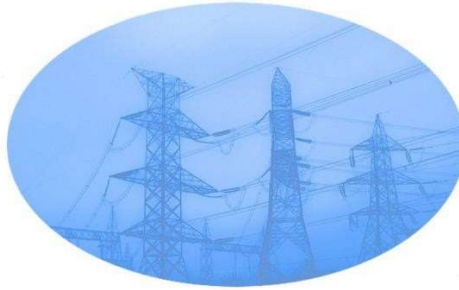
On Entering URL: <https://dsm-scheduling.mahasldc.in/> user can see screen as displayed below where user have to enter username and password.



On Entering username and password and clicking on Sign In button user will be redirected to home page of 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, ‘**Declaration**’, view ‘**Schedule**’ and ‘**Reports**’ for the user on the upper left of the page.



MSLDC web based power scheduling

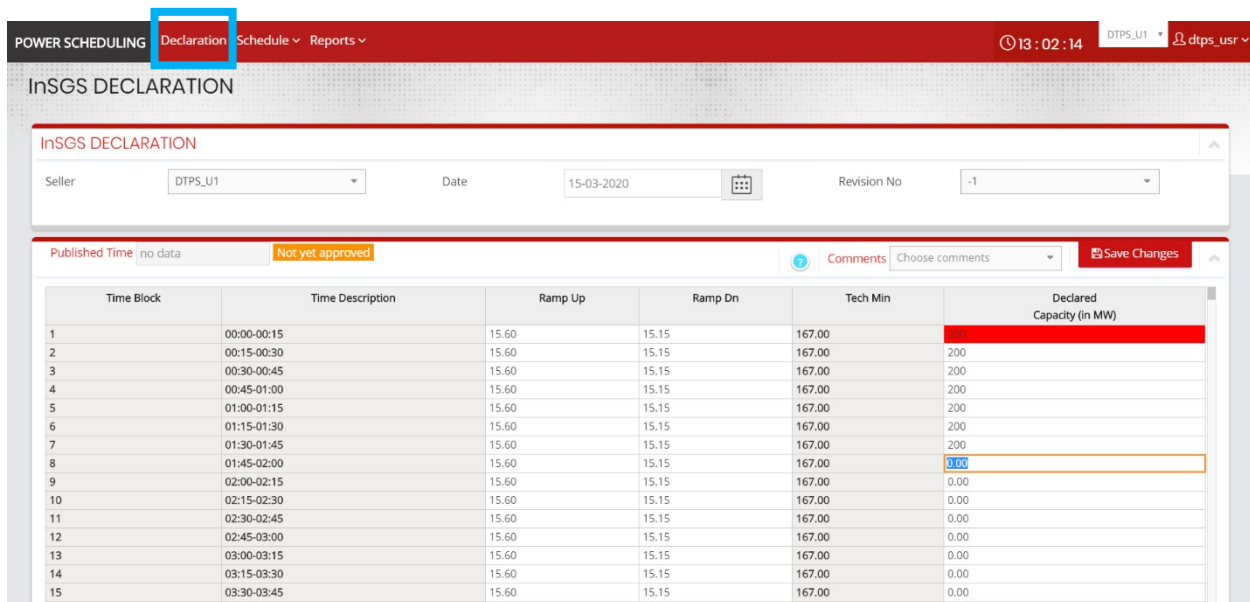
3. DECLARATION BY SELLERS

3.1 DECLARATION BY THERMAL / NUCLEAR / GAS BASED GENERATOR UNITS

User to click on '**Declaration**' section on the upper left of home page to open power declaration page. Below mentioned declaration 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 Sellers shall furnish their forecasted DC / availability & unit wise contracts (if any) to MSLDC on day ahead basis. Sellers to take into consideration MOD principles while furnishing availability forecast. The user (seller) is expected to declare their daily capacity / availability (day ahead) timely as prescribed under the MERC regulation. Seller can then still participate on the same page for daily revisions if any by editing each slot.

User can see the unit name on left corner of page where user may select units one by one and give declaration of the same.



Time Block	Time Description	Ramp Up	Ramp On	Tech Min	Declared Capacity (in MW)
1	00:00-00:15	15.60	15.15	167.00	200
2	00:15-00:30	15.60	15.15	167.00	200
3	00:30-00:45	15.60	15.15	167.00	200
4	00:45-01:00	15.60	15.15	167.00	200
5	01:00-01:15	15.60	15.15	167.00	200
6	01:15-01:30	15.60	15.15	167.00	200
7	01:30-01:45	15.60	15.15	167.00	200
8	01:45-02:00	15.60	15.15	167.00	100.00
9	02:00-02:15	15.60	15.15	167.00	0.00
10	02:15-02:30	15.60	15.15	167.00	0.00
11	02:30-02:45	15.60	15.15	167.00	0.00
12	02:45-03:00	15.60	15.15	167.00	0.00
13	03:00-03:15	15.60	15.15	167.00	0.00
14	03:15-03:30	15.60	15.15	167.00	0.00
15	03:30-03:45	15.60	15.15	167.00	0.00

Note: User can edit each cell in respective slot for declaring the capacity. Drag and drop / Copy – Paste facility is available likewise in Microsoft Excel for the user to fill the data within cells.

On the declaration page, user can see various fields like Seller Name (unit wise), Date, Revision No., Published Time (last published time of schedule by admin), Comments section and the

declaration table. The declaration table includes headers mentioning Time Block (slot number), Time Description (slot timing), Ramp Up and Ramp Down (rates for the generator unit in MW), Technical Minimum (technical minimum for the generator unit in MW) and Declared Capacity in MW (capacity / availability declared by the generator).

For revisions on availability by seller during the day, user will be able to see all past time blocks in read only mode. User will be able to see the fourth block data in editable mode. Here (refer below snapshot) as the time is 14:46 (60th block) so in that case fourth block from that time will be time block between 15:30 to 15:45. From this block particular user can enter their revised generation quantum.

Time Block	Time Description	Ramp Up	Ramp Dn	Tech Min	Declared Capacity (in MW)
57	14:00-14:15	15.60	15.15	167.00	210.00
58	14:15-14:30	15.60	15.15	167.00	220.00
59	14:30-14:45	15.60	15.15	167.00	228.00
60	14:45-15:00	15.60	15.15	167.00	228.00
61	15:00-15:15	15.60	15.15	167.00	228.00
62	15:15-15:30	15.60	15.15	167.00	228.00
63	15:30-15:45	15.60	15.15	167.00	228.00
64	15:45-16:00	15.60	15.15	167.00	228.00
65	16:00-16:15	15.60	15.15	167.00	228.00
66	16:15-16:30	15.60	15.15	167.00	228.00
67	16:30-16:45	15.60	15.15	167.00	228.00
68	16:45-17:00	15.60	15.15	167.00	228.00
69	17:00-17:15	15.60	15.15	167.00	228.00
70	17:15-17:30	15.60	15.15	167.00	228.00
71	17:30-17:45	15.60	15.15	167.00	228.00

There are validations which a user should take care of while entering the DC. These validations are:

1. User needs to enter DC within operational limits of the unit.
2. Ramping: User needs to enter DC on Bar accordingly so that ramping values are not violated.
3. Tech Min: User should enter DC on bar greater than or equal values as in tech min column. Technical Minimum – non editable for seller / generator login, can only be modified from SLDC admin end.
4. All values entered should be in Megawatts (MW).

A drop-down comments / remark selection should be done by user before they save the changes for declaration / revision. Refer below mentioned snapshot for the same. Once Declaration is filled

and saved, user can see the revision of Declaration is incremented. User can see audit trails / logs for any changes done in the application at end of the page.

POWER SCHEDULING Declaration Schedule Reports 12:21:42 DTPS_U1 dtps_usr

InSGS DECLARATION

Seller: DTPS_U1 Date: 14-03-2020 Revision No: 1

Published Time: 14-03-2020 12:10:58 **Not yet approved** Comments RO Save Changes

Time Block	Time Description	Ramp Up	Ramp Dn	Tech Min	Declared Capacity (in MW)
41	10:00-10:15	15.60	15.15	167.00	
42	10:15-10:30	15.60	15.15	167.00	
43	10:30-10:45	15.60	15.15	167.00	
44	10:45-11:00	15.60	15.15	167.00	
45	11:00-11:15	15.60	15.15	167.00	
46	11:15-11:30	15.60	15.15	167.00	
47	11:30-11:45	15.60	15.15	167.00	
48	11:45-12:00	15.60	15.15	167.00	
49	12:00-12:15	15.60	15.15	167.00	
50	12:15-12:30	15.60	15.15	167.00	
51	12:30-12:45	15.60	15.15	167.00	228.00
52	12:45-13:00	15.60	15.15	167.00	220
53	13:00-13:15	15.60	15.15	167.00	210.00
54	13:15-13:30	15.60	15.15	167.00	200.00
55	13:30-13:45	15.60	15.15	167.00	200.00

Comments: Governing valve abnormal sound, Heavy Oil Leakage, High Bus Voltage at Remote end, Hotspot Attending Work, HP Bypass bonnet leakage, Hydrogen leakage in generator, Insulator Replacement Work.

User can view '**Not yet approved**' status until administrator (SLDC) approves the revision. Once approved by the administrator the status changes to '**Approved**'.

POWER SCHEDULING Declaration Schedule Reports 12:23:14 DTPS_U1 dtps_usr

InSGS DECLARATION

Seller: DTPS_U1 Date: 13-03-2020 Revision No: 0

Published Time: 12-03-2020 15:31:37 **Approved** Comments Choose comments

Time Block	Time Description	Ramp Up	Ramp Dn	Tech Min	Declared Capacity (in MW)
1	00:00-00:15	228	15.15	167.00	228.00
2	00:15-00:30	15.60	15.15	167.00	228.00
3	00:30-00:45	15.60	15.15	167.00	228.00
4	00:45-01:00	15.60	15.15	167.00	228.00
5	01:00-01:15	15.60	15.15	167.00	228.00
6	01:15-01:30	15.60	15.15	167.00	228.00
7	01:30-01:45	15.60	15.15	167.00	228.00
8	01:45-02:00	15.60	15.15	167.00	228.00
9	02:00-02:15	15.60	15.15	167.00	228.00
10	02:15-02:30	15.60	15.15	167.00	228.00
11	02:30-02:45	15.60	15.15	167.00	228.00
12	02:45-03:00	15.60	15.15	167.00	228.00
13	03:00-03:15	15.60	15.15	167.00	228.00
14	03:15-03:30	15.60	15.15	167.00	228.00
15	03:30-03:45	15.60	15.15	167.00	228.00

3.2 DECLARATION BY HYDRO GENERATOR UNITS

User to click on '**Declaration**' section on the upper left of home page to open power declaration page. Below mentioned Hydro Allocation screen page would be displayed. Hydro declaration page has a table with three columns namely Time Block (slot number), Time Description (slot timing) and Availability (DC in MW). On the declaration page, user can see various fields like 'Utility' (seller name – unit wise), 'Date' and 'Choose a download type' (toggle to select monthly/daily).

Hydro generators as a seller will have rights to upload their availability daily on day ahead basis. Below mentioned snapshot shows hydro allocation for a particular unit. Hydro generators can revise their availability on day ahead basis only. User cannot edit the availability for the same day.

POWER SCHEDULING Declaration Operations Schedule Reports 13:19:25 bhatghar_user

Hydro Allocation

Hydro Allocation

Choose Utility: BHATGHAR Date: 11-03-2020 Choose a download type: Daily

Time Block	Time Desc	Available DC (MW)
1	00:00-00:15	100
2	00:15-00:30	100
3	00:30-00:45	100
4	00:45-01:00	100
5	01:00-01:15	100
6	01:15-01:30	100
7	01:30-01:45	100
8	01:45-02:00	100
9	02:00-02:15	100
10	02:15-02:30	100
11	02:30-02:45	100
12	02:45-03:00	100
13	03:00-03:15	100
14	03:15-03:30	100
15	03:30-03:45	100

Upload

Availability / Declared capacity is to be uploaded using the 'Upload' button available. Refer the below mentioned snapshot. User has to download the 'Format 1S (Hydro) for Day Ahead (D-1) Declared Capacity at Ex-Bus wise Unit wise (At Ex-Bus periphery)' from to download button available on the page. User can then enter the availability / declared capacity by hydro generators. (The file format should be in csv. User can use the downloaded file in .csv format and use it for upload.) User should provide remark before saving the uploaded changes.

POWER SCHEDULING Declaration Operations Schedule Reports

13 : 21 : 14 bhatghar_user

Hydro Allocation

Choose Utility: BHATGHAR

Click to upload

Format :

Remarks*: Please provide remarks

Cancel Save Data

Choose a download type: Daily

Available DC (MW)

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	
9	02:00-02:15	
10	02:15-02:30	
11	02:30-02:45	100
12	02:45-03:00	100
13	03:00-03:15	100
14	03:15-03:30	100
15	03:30-03:45	100

Below mentioned snapshot shows the hydro allocation for the month. Hydro users will be able to declare and edit their declarations for capacity for monthly, daily, post facto (events in past), during the day and day ahead. Please contact administrator for any changes and clarifications if needed.

POWER SCHEDULING Declaration Operations Schedule Reports

13 : 22 : 37 bhatghar_user

Hydro Allocation

Choose Utility: BHATGHAR Date: 14-03-2020 Choose a download type: Monthly

Upload

Time Block	Time Desc	Available DC (Day 7) (MW)	Available DC (Day 8) (MW)	Available DC (Day 9) (MW)	Available DC (Day 10) (MW)	Available DC (Day 11) (MW)	Available DC (Day 12) (MW)	Available DC (Day 13) (MW)
4	00:45-01:00	0.000000	100	100	100	100	0.000000	0.000000
5	01:00-01:15	0.000000	100	100	100	100	0.000000	0.000000
6	01:15-01:30	0.000000	100	100	100	100	0.000000	0.000000
7	01:30-01:45	0.000000	100	100	100	100	0.000000	0.000000
8	01:45-02:00	0.000000	100	100	100	100	0.000000	0.000000
9	02:00-02:15	0.000000	100	100	100	100	0.000000	0.000000
10	02:15-02:30	0.000000	100	100	100	100	0.000000	0.000000
11	02:30-02:45	0.000000	100	100	100	100	0.000000	0.000000
12	02:45-03:00	0.000000	100	100	100	100	0.000000	0.000000
13	03:00-03:15	0.000000	100	100	100	100	0.000000	0.000000
14	03:15-03:30	0.000000	100	100	100	100	0.000000	0.000000
15	03:30-03:45	0.000000	100	100	100	100	0.000000	0.000000
16	03:45-04:00	0.000000	100	100	100	100	0.000000	0.000000
17	04:00-04:15	0.000000	100	100	100	100	0.000000	0.000000
18	04:15-04:30	0.000000	100	100	100	100	0.000000	0.000000
19	04:30-04:45	0.000000	100	100	100	100	0.000000	0.000000

3.3 OPEN ACCESS DECLARATION

Open Access Generators can declare their availability through Open access module against the particular OA transaction Like LTOA, MTOA, STOA. Same shall be taken care in MOD process as well as in Full schedule process.

The Generators 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 Availability 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 have to enter the amount same as Availability Amount specified by the Generators. In order to change the requisition, amount the buyer 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

Contract edit and delete option are given to admin only. Seller user can declare their capacity and availability against each transaction.

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 Discom	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-	

STOA Transactions

Effective Date: 19-02-2021

Seller: All

Buyer: All

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	Edit Print Search
YES (Rev : 0)	☒	MSLDC/INTRA/FEB21/FIRM/6750	AEML	JSWEL_U234	AEML	MIAPL_900000784491	18-02-2021	24-02-2021	Edit Print Search

Showing 1 to 2 of 2 entries

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 Discom	Consumer	From Date	To Date	Actions
NO (Rev : -1)	☒	APML_U1/74	MSEDCL	APML_U1	MSEDCL	MSEDCL	18-09-2020	28-02-2021	Edit Print Search
NO (Rev : -1)	☒	APML_U1/440	MSEDCL	APML_U1	MSEDCL	MSEDCL	18-09-2020	28-02-2021	Edit Print Search
NO (Rev : -1)	☒	APML_U2/1320	MSEDCL	APML_U2	MSEDCL	MSEDCL	18-09-2020	28-02-2021	Edit Print Search
NO (Rev : -1)	☒	APML_U3/1320	MSEDCL	APML_U3	MSEDCL	MSEDCL	18-09-2020	28-02-2021	Edit Print Search
NO (Rev : -1)	☒	APML_U4/74	MSEDCL	APML_U4	MSEDCL	MSEDCL	18-09-2020	28-02-2021	Edit Print Search

3.3.1 MEDIUM-TERM OPEN ACCESS (MTOA)

When the Seller clicks on MTOA, then a screen opens which has MTOA Transaction records already present for current day. User may select different date to see MTOA transaction effective for selected date.

Search by Effective Date, Seller 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 Availability and Contract against the MTOA Transaction by clicking on the  icon.

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

On clicking search (Show) button user can see the screen where MTOA Availability are displayed in table with various fields like 'Has Requisition for Today', 'Approval Number', 'Trader', 'Buyer', 'Seller', '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 Discom	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

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:

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 ▾
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 ▾

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
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

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 Discom	Consumer	From Date	To Date	Actions
NO (Rev: -1)	☐	APML_U1/74	MSEDCL	APML_U1	MSEDCL	MSEDCL	18-09-2020	28-02-2021	Edit Delete Refresh
NO (Rev: -1)	☐	APML_U1/440	MSEDCL	APML_U1	MSEDCL	MSEDCL	18-09-2020	28-02-2021	Edit Delete Refresh
NO (Rev: -1)	☐	APML_U2/1920	MSEDCL	APML_U2	MSEDCL	MSEDCL	18-09-2020	28-02-2021	Edit Delete Refresh
NO (Rev: -1)	☐	APML_U3/1920	MSEDCL	APML_U3	MSEDCL	MSEDCL	18-09-2020	28-02-2021	Edit Delete Refresh
NO (Rev: -1)	☐	APML_U4/74	MSEDCL	APML_U4	MSEDCL	MSEDCL	18-09-2020	28-02-2021	Edit Delete Refresh
NO (Rev: -1)	☐	APML_U4/440	MSEDCL	APML_U4	MSEDCL	MSEDCL	18-09-2020	28-02-2021	Edit Delete Refresh
NO (Rev: -1)	☐	APML_U5/74	MSEDCL	APML_U5	MSEDCL	MSEDCL	18-09-2020	28-02-2021	Edit Delete Refresh
NO (Rev: -1)	☐	APML_U5/440	MSEDCL	APML_U5	MSEDCL	MSEDCL	18-09-2020	28-02-2021	Edit Delete Refresh
NO (Rev: -1)	☐	T0002	SWPGL_U1234	SWPGL_U1234	BEST	BEST	24-09-2020	28-02-2021	Edit Delete Refresh
NO (Rev: -1)	☐	L00001	SWPGL_U1234	SWPGL_U1234	MSEDCL	MSEDCL	24-09-2020	28-02-2021	Edit Delete Refresh

Edit LTOA Requisition

LTOA 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:

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:

Approval Number:

Applicant Name:

Application Number:

Requisition For Date:

Select Trader:

Select Buyer:

Select Seller:

Select Consumer:

Select Requisition By:

Comments:

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:

Select Embedded Discom:

Select Seller:

Select Consumer:

Entry Requisition By:

AAYAN MLLP_1

AAYAN MLLP_1

AAYAN MLLP_1

AAYAN MLLP_1

AAYAN MLLP_1

Cancel

Save LTOA

Add LTOA Contract

Add LTOA Contract Details

Approval Number:

Effective Range:

Enter PPA Rate:

APML_U1/74

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

3.3.3 SHORT-TERM OPEN ACCESS (STOA)

When Sellers clicks on STOA, then a screen opens which has STOA Transaction records already present for current day. User may select different date to see STOA transaction effective for selected date.

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 Availability / Contract against the STOA Transaction by clicking on the  icon.

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

On clicking search (Show) button user can see the screen where STOA Availability are displayed in table with various fields like ‘Has Requisition for Today’, ‘Approval Number’, ‘Trader’, ‘Buyer’, ‘Seller’, ‘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	Edit Print Search
YES (Rev : 0)	☐	MSLDC/INTRA/FEB21/FIRM/6750	AEML	JSWEL_U234	AEML	MIAPL_900000784491	18-02-2021	24-02-2021	Edit Print Search

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

4. GUIDELINES FOR SELLERS

4.1 GUIDELINES FOR OPERATING GENERATING UNITS

- MSLDC shall endeavor to attain the load generation balance on any given day by finalising the schedule of the maximum capacity available, starting from the Station/Unit with the lowest Variable Charge in the Merit Order Stack. MSLDC shall also endeavor to finalise the schedule for the Units required to be operated at technical minimum to the least extent possible.
- MSLDC shall operate the MOD strictly as per these guidelines and the Generating Unit shall be backed down or ramped up strictly as per the MOD Stack.
- The operation of Generating Units at Technical Minimum shall be strictly guided by the Scheduling and Dispatch Code.
- 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.
- As a basic principle, MSLDC is required to finalise the dispatch schedule based on least-cost principles. In exceptional cases, however, some Units with higher Variable Charges which would not normally be permitted under MOD principles to operate, may be required to operate for various uncontrollable reasons such as transmission constraints in any part of Maharashtra, grid security constraints in importing power, etc.

4.2 GUIDELINES FOR CAPACITY DECLARATION BY GENERATING UNITS

- For Capacity Declaration (DC), the Generating Company while providing the ex-power plant Generation Schedule in MW for each time-block on day ahead basis, in accordance with the provisions of State Grid Code, is required to take into account the availability of fuel and water. Hence, apart from the day ahead Generation schedule, the Generating Company shall also provide the additional information on contracted Distribution Licensee on day ahead basis to MSLDC.

- MSLDC shall ask the Generating Station/Units to demonstrate the maximum DC of Generating Unit for the day or Generation Schedule for the particular time block, particularly under the following circumstances:
 - In case the Generation Schedule by any Generating Station for a particular Generating Unit during Peak Hours is lower than Off Peak hours;
 - In case the Generation Schedule for a particular Generating Unit during the low demand period during the year is higher than the Generation Schedule during the high demand period during the year;
 - Based on request of contracted Distribution Licensee;
 - In case the variation in minimum and maximum Generation Schedule by any Generating Station for a particular Generating Unit during various time-blocks of the Day is more than 30% of contracted capacity.

4.3 TECHNICAL MINIMUM OF GENERATING UNITS

- The technical minimum for operation in respect of a coal fired/gas fired/multi fuel based thermal generating Unit connected to the State Transmission Utility shall be as defined by commission.

4.4 GUIDELINES FOR 'ZERO SCHEDULE' FOR GENERATING UNITS

- In case of anticipated generation availability in surplus of anticipated demand, the Distribution Licensees need to optimise their cost of power procurement considering the contracted sources for the period of anticipated surplus.
- If the anticipated generation availability is more than the anticipated demand, the Distribution Licensee may consider giving Zero Schedule to some of its contracted sources for the period during which the demand is expected to be lower than the total contracted sources availability put together. This should be a conscious decision of the Distribution Licensee in consultation with MSLDC taking into account the demand supply position and transmission constraints.
- If grid constraints prevent the Zero Scheduling of the Unit with the highest Variable Charge in the MOD Stack, the Unit with the next highest Variable Charge needs to be considered.
- Zero Scheduling has to be carried out by Distribution Licensee keeping in consideration its roles and obligations under the corresponding PPAs.

4.5 GUIDELINES FOR INSTRUCTING RESERVE SHUT DOWN (RSD) OF GENERATING UNITS BY MSLDC

- A Reserve Margin equivalent to the contracted capacity of the largest Unit of the Power Station, contracted by the Distribution Licensee needs to be maintained.
- The RSD should be implemented for the capacity available in excess of the largest Unit contracted by the Distribution Licensee.
- The RSD should be applied to Units with higher Variable Charges in the MOD Stack, subject to grid conditions permitting the same.
- MSLDC shall upload details of the RSD of the previous month on its website by the 3rd of every month.

4.6 'MUST RUN' AND HYDRO GENERATING STATIONS

- The Hydro Generating Stations are primarily intended to meet peaking power requirements. However, depending on the grid requirements, they may be operated during off-peak hours also. With significant generation capacity addition in the State, MSLDC will ensure that the intended purpose of Hydro Generating Stations is not defeated, and indiscriminate use of Hydro power is avoided.
- As the Hydro generation capacity is flexible capacity to meet the needs of real-time operations, MSLDC shall be operating Hydro Generating Stations on a daily basis considering the month wise water availability indicated by the Licensees. The Hydro Generating Stations shall be operated by MSLDC to meet the system requirements. MSLDC shall operate the Hydro Generating Stations to restore the load generation balance at the State level, only after exhausting all the other options including ramping up of all thermal generating units up to the available capacity. In order to meet system contingencies, MSLDC may keep Hydro capacity equivalent to the capacity of largest thermal Unit as a spinning reserve.

5. SCHEDULE

5.1 NET SCHEDULE

When user clicks on Net schedule, then user is taken to following page where user can choose Generator Unit, Date and Revision number to view net schedule of selected utility.

The net schedule will always display the target schedule after the last revision happened.

The net schedule table with fields like Time Block (slot number), Time Description (slot timing), Share (Centre, Intrastate MTOA, Intrastate STOA, Intrastate LTA, IEX, PXIL, RTM_IEX, Intrastate Generation, and VSE) and Target Schedule (Ex-bus).

POWER SCHEDULING

DeclarationSchedule▼Reports▼

13 : 03 : 42

ADTPS_U1

SELLER_ADTPS▼

Schedule » Net Schedule

Net Schedule

Duration:

Daily

Range

Date:

25-01-2021

Discom / Unit:

ADTPS_U1

Revision:

53

Show data

Time Block	Time Desc	CENTRE	INTRASTATE MTOA	INTRASTATE STOA	INTRASTATE LTA	IEX	PXIL	RTM_IEX	INTRASTATE GENERATION	VSE	Target Inj. Schedule (Ex-bus)
1	00:00-00:15	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	-196.777907	0.000000	-196.777907
2	00:15-00:30	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	-201.237532	0.000000	-201.237532
3	00:30-00:45	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	-201.458685	0.000000	-201.458685
4	00:45-01:00	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	-200.748167	0.000000	-200.748167
5	01:00-01:15	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	-203.228413	0.000000	-203.228413
6	01:15-01:30	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	-203.177923	0.000000	-203.177923
7	01:30-01:45	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	-202.566480	0.000000	-202.566480
8	01:45-02:00	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	-200.533265	0.000000	-200.533265
9	02:00-02:15	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	-193.110728	0.000000	-193.110728
10	02:15-02:30	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	-193.545766	0.000000	-193.545766
11	02:30-02:45	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	-192.856584	0.000000	-192.856584
12	02:45-03:00	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	-192.174067	0.000000	-192.174067
13	03:00-03:15	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	-191.623701	0.000000	-191.623701
14	03:15-03:30	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	-192.163622	0.000000	-192.163622

Thank You