

NATIONAL SURPLUS POWER PORTAL
HELP FILE for IPP/ISGS/STATE

Portal Flow is Same for both Short & Long Term (only flow time is different)

Information of surplus power by IPP

The screenshot displays the 'NATIONAL SURPLUS POWER PORTAL' dashboard for an IPP user. The page is titled 'DASHBOARD' and 'IPP'. The date and time are shown as 'Mon, 6 March 2023' and '06:57:51 PM'. The dashboard is divided into two main sections: 'Available Surplus Power in Short Term' and 'Available Surplus Power in Long Term'.

Available Surplus Power in Short Term

Generating Station	Beneficiary	Surplus Quantum (MW)	Date	FC (paise/kWh)	Vc (p)
BHEP(BudhilHydroElectricProject)	GREENKO	0	05-03-2023		
BSIUL	DELHI	0 - 19.8	08-03-2023		
JHAJJAR	HARYANA	693 - 693	09-03-2023	1.62	4.
KUDGI	APTRANSCO	101 - 101	05-03-2023	1.67	5.

Available Surplus Power in Long Term

Generating Station	Beneficiary	Surplus Quantum (MW)
ADANIHYBRIDENERGYJAISALMERONELIMITEDSOLAR	ADANI_RE	0
ADANIHYBRIDENERGYJAISALMERONELIMITEDSOLAR	ADANI_RE	0
JHAJJAR	DELHI	500 - 500
JHAJJAR	DELHI	500 - 500
JSWPower(KarchamWangtoo)	JSW_ENERGY	0
JSWPower(KarchamWangtoo)	JSW_ENERGY	0
KAWAS	MSEB_Beneficiary	204.000001 - 204.000001
KAWAS	MSEB_Beneficiary	204.000001 - 204.000001

Beneficiary Dashboard

DAHSBOARD:- After login IPP will be landed to this page, There are 2 tables in this page showing available surplus power in short and long .

DECLARE SURPLUS (LONG)

To declare surplus in long term(multiple day) basis go to DECLARE SURPLUS=>DECLARE SURPLUS(LONG)

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This portal provides a platform for matching surplus generation capacity with the requisition for the surplus portal all across the country

DECLARE SURPLUS(LONG):- There are 3 fields and one button in this form

- From Date – Select date from where you want to start surplus declaration.
- To Date – Select Date till you want to declare surplus.
- Select Station – Select surplus station.
- Select Block – A popup will appear showing all the 96 blocks with quantum input field.

NATIONAL SURPLUS POWER PORTAL | DASHBOARD | DECLARE SURPLUS | REQUISITION | STATUS | ALLOCATION | REPORT | ABOUT | DELHI

04:38:54 PM
Tue, 21 February 2023

DECLARE SURPLUS(LONG)

From Date: 27-02-2023 | To Date: 28-02-2023

FC(paise/kWh): 200.00 | VC(paise/kWh): 250.00

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This portal provides a platform for matching surplus generation

Enter Quantum

<input checked="" type="checkbox"/> Select All	Block	Surplus QT (MW) <input type="checkbox"/> Populate to All
<input checked="" type="checkbox"/>	1 00:00:00 - 00:15:00	<input type="text" value="90.97"/>
<input checked="" type="checkbox"/>	2 00:15:00 - 00:30:00	<input type="text" value="90.97"/>
<input checked="" type="checkbox"/>	3 00:30:00 - 00:45:00	<input type="text" value="90.97"/>
<input checked="" type="checkbox"/>	4 00:45:00 - 01:00:00	<input type="text" value="90.97"/>
<input checked="" type="checkbox"/>	5 01:00:00 - 01:15:00	<input type="text" value="90.97"/>
<input checked="" type="checkbox"/>	6 01:15:00 - 01:30:00	<input type="text" value="90.97"/>

Enter Quantum:- This form will appear on clicking “Select Block” button

- Select All – Check this box to enable all the 96 block at once and uncheck to disable.
- Checkbox – Check to enable each row to fill quantum.
- Block – Shows block and block time.
- Surplus QT(MW) – By default it is filled with a default value(Selected station(MW)) but you can change it.
- Populate to All – It will populate.

The screenshot shows the 'Enter Quantum' dialog box overlaid on the 'DECLARE SURPLUS(LONG)' form. The dialog contains a table with the following data:

Select All	Block	Surplus QT (MW)	Populate to All
<input checked="" type="checkbox"/>	1 00:00:00 - 00:15:00	90.97	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	2 00:15:00 - 00:30:00	90.97	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	3 00:30:00 - 00:45:00	90.97	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	4 00:45:00 - 01:00:00	90.97	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	5 01:00:00 - 01:15:00	90.97	<input checked="" type="checkbox"/>
<input type="checkbox"/>	6 01:15:00 - 01:30:00		<input type="checkbox"/>

The dialog also features a 'Close' button and a 'Save' button.

Select individually

The screenshot shows the 'Enter Quantum' dialog box overlaid on the 'DECLARE SURPLUS(LONG)' form. The dialog contains a table with the following data:

Select All	Block	Surplus QT (MW)	Populate to All
<input checked="" type="checkbox"/>	1 00:00:00 - 00:15:00	50	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	2 00:15:00 - 00:30:00	90.97	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	3 00:30:00 - 00:45:00	90.97	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	4 00:45:00 - 01:00:00	90.97	<input checked="" type="checkbox"/>
<input checked="" type="checkbox"/>	5 01:00:00 - 01:15:00	90.97	<input checked="" type="checkbox"/>
<input type="checkbox"/>	6 01:15:00 - 01:30:00		<input type="checkbox"/>

The dialog also features a 'Close' button and a 'Save' button.

Enter quantum in each selected field

Enter Quantum

Select All	Block	Surplus QT (MW) <input type="checkbox"/> Populate to All
<input checked="" type="checkbox"/>	1 00:00:00 - 00:15:00	50
<input checked="" type="checkbox"/>	2 00:15:00 - 00:30:00	50
<input checked="" type="checkbox"/>	3 00:30:00 - 00:45:00	50
<input checked="" type="checkbox"/>	4 00:45:00 - 01:00:00	50
<input checked="" type="checkbox"/>	5 01:00:00 - 01:15:00	50
<input type="checkbox"/>	6 01:15:00 - 01:30:00	

Close Save

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Populate All

Surplus(LONG) Draft

S no.	Date	Station	Block	Action
1	12-03-2023	JSWEL	View	Update Discard
2	13-03-2023	JSWEL	View	Update Discard

[Proceed](#)

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Save:- It will save the filled details and display it in “Surplus(SHORT) Draft” table.

NATIONAL SURPLUS POWER PORTAL DASHBOARD DECLARE SURPLUS GENERATOR CONSENT VERIFY PSM REPORT ABOUT JSWEL

SURPLUS LONG

07:03:01 PM
Mon, 6 March 2023

DECLARE SURPLUS(LONG) Surrender only between 00:00 - 09:00 hrs

Success! Surrender draft saved successfully.

From Date: To Date: Select Station:

Selected Block:

Surplus(LONG) Draft

S no.	Date	Station	Block	Action
1	12-03-2023	JSWEL	<input type="button" value="View"/>	<input type="button" value="Update"/> <input type="button" value="Discard"/>
2	13-03-2023	JSWEL	<input type="button" value="View"/>	<input type="button" value="Update"/> <input type="button" value="Discard"/>

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Surplus (SHORT) Draft:- It shows all the submitted surplus power with their serial number, date, station, FC, VC, Block, Surplus QT

- View – A popup will appear showing submitted surplus blocks.
- Update – To update any submitted row before final submission.
- Discard – Click to discard row.

NATIONAL SURPLUS POWER PORTAL DASHBOARD DECLARE SURPLUS REQUISITION STATUS ALLOCATION REPORT ABOUT DELHI

SURPLUS

04:43:16 PM
Tue, 21 February 2023

DECLARE SURPLUS(LONG)

Success! Surrender draft saved successfully.

From Date: To Date:

FC(paise/kWh): VC(paise/kWh):

Block Detail

Block	Surrender QT (MW)
1 00:00:00 - 00:15:00	50.00
2 00:15:00 - 00:30:00	50.00
3 00:30:00 - 00:45:00	50.00
4 00:45:00 - 01:00:00	50.00
5 01:00:00 - 01:15:00	50.00
6 01:15:00 - 01:30:00	0.00
7 01:30:00 - 01:45:00	0.00
8 01:45:00 - 02:00:00	0.00
9 02:00:00 - 02:15:00	0.00
10 02:15:00 - 02:30:00	0.00

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View blocks in draft

NATIONAL SURPLUS POWER PORTAL DASHBOARD DECLARE SURPLUS REQUISITION STATUS ALLOCATION REPORT ABOUT DELHI

SURPLUS LONG

DELHI 04:44:21 PM Tue, 21 February 2023

Surplus(LONG) Form

Surrender only between 00:00 - 09:00 hrs

Date: 27-02-2023

Select Station: DADRI [90.97 MW]

FC: 200.00 VC: 250.00

Selected Block: Select Block Total Surplus QT: 250.00

Save

Surplus(LONG) Draft

Date	Station	FC(paise/kWh)	VC(paise/kWh)	Block	Surplus(MW)	Action
27-02-2023	DADRI	200.00	250.00	View	250.00	Update Discard
27-02-2023	DADRI	200.00	250.00	View	250.00	Update Discard

Proceed

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Proceed

NATIONAL SURPLUS POWER PORTAL DASHBOARD DECLARE SURPLUS REQUISITION STATUS ALLOCATION REPORT ABOUT DELHI

SURPLUS LONG

DELHI 04:45:56 PM Tue, 21 February 2023

DECLARE SURPLUS(LONG)

From Date: 27-02-2023 To Date: 28-02-2023

FC(paise/kWh): VC(paise/kWh):

Save

Accept Terms & Conditions to continue

Terms and Conditions

- Surrendered power will be reallocated to new beneficiary only after Order matching, Transmission corridor checking and acceptance of PSM by generators.
- Surrendered power will remain with original beneficiary if any of the above steps fail.
- Surrendered power will remain with original beneficiary if the units are under shutdown
- On reallocation of surplus power, Fixed charges and variable charges will be transferred to new beneficiary.

Cancel Accept

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Accept Terms & Condition – Surplus declaration completed

Requisition from new beneficiary

REQUISITION (LONG)

ALL SURPLUS QT Requisite only between 09:00 - 18:00 hrs

Date	Station	FC(paise/kWh)	VC(paise/kWh)	Block	Surplus QT (MW)	Action
2023-03-10	KUDGI	1.67	5.37	View	500 - 500	RQ
2023-03-11	KUDGI	1.67	5.37	View	500 - 500	RQ

Requisition Draft

Date	Station	FC(paise/kWh)	VC(paise/kWh)	Block	Requisition(MW)	Action
Proceed						

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All SURPLUS QT:- All surplus QT will be shown in in this table available for requisition.

- View – A popup will appear showing all the 96 blocks with MW.
- RQ – Click to open requisition form for selected row.

Select Block

Block	Surrender QT (MW)
1 00:00:00 - 00:15:00	500.00
2 00:15:00 - 00:30:00	500.00
3 00:30:00 - 00:45:00	500.00
4 00:45:00 - 01:00:00	500.00
5 01:00:00 - 01:15:00	500.00
6 01:15:00 - 01:30:00	500.00
7 01:30:00 - 01:45:00	500.00
8 01:45:00 - 02:00:00	500.00
9 02:00:00 - 02:15:00	500.00
10 02:15:00 - 02:30:00	500.00

[Close](#)

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View Blocks

REQUISITION LONG DELHI

Requisition(LONG) Form Requisite only between 09:00 - 18:00 hrs

Date: 10-03-2023 Station: KUDGI

FC(paise/kWh): 1.67 VC(paise/kWh): 5.37 Select Blocks Surplus Min - Max QT: 500 - 500 Requisition Min - Max QT:

Select Block

Save

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REQUISITION LONG FORM:- It has 6 fields and one block selection button

- Date – Surplus date.
- Station – surplus station.
- FV & VC – Automatically fills as per selected station.
- Select Block – A popup will appear showing all the 96 blocks with quantum input field.
- Surplus Min-Max QT – Shows surplus range.
- Requisition Min-Max QT – Automatically fills after blocks selection showing range.

Enter Quantum

Select All	Block	Surplus QT (MW)	Requisition QT (MW) Pupulate to All
<input type="checkbox"/>	1 00:00:00 - 00:15:00	500.00	0
<input type="checkbox"/>	2 00:15:00 - 00:30:00	500.00	0
<input type="checkbox"/>	3 00:30:00 - 00:45:00	500.00	0
<input type="checkbox"/>	4 00:45:00 - 01:00:00	500.00	0
<input type="checkbox"/>	5 01:00:00 - 01:15:00	500.00	0

Close Save

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Enter Quantum:- Fill the quantum for requisition.

- Select All – Check to enable all the available blocks at once.
- Block – Shows block and block time.
- Surplus QT(MW) – Shows available surplus quantity for each block.
- Requisition QT(MW) – By default it is filled with surplus mw but you can change it as per requirement.
- Populate to All – It will populate first row value to all selected blocks.

<input checked="" type="checkbox"/> Select All	Block	Surplus QT (MW)	Requisition QT (MW) <input type="checkbox"/> Populate to All
<input checked="" type="checkbox"/>	1 00:00:00 - 00:15:00	500.00	500.00
<input checked="" type="checkbox"/>	2 00:15:00 - 00:30:00	500.00	500.00
<input checked="" type="checkbox"/>	3 00:30:00 - 00:45:00	500.00	500.00
<input checked="" type="checkbox"/>	4 00:45:00 - 01:00:00	500.00	500.00
<input checked="" type="checkbox"/>	5 01:00:00 - 01:15:00	500.00	500.00

Select All

<input type="checkbox"/> Select All	Block	Surplus QT (MW)	Requisition QT (MW) <input checked="" type="checkbox"/> Populate to All
<input type="checkbox"/>	1 00:00:00 - 00:15:00	500.00	300
<input checked="" type="checkbox"/>	2 00:15:00 - 00:30:00	500.00	500.00
<input checked="" type="checkbox"/>	3 00:30:00 - 00:45:00	500.00	500.00
<input checked="" type="checkbox"/>	4 00:45:00 - 01:00:00	500.00	500.00
<input checked="" type="checkbox"/>	5 01:00:00 - 01:15:00	500.00	500.00

Populate to All

Enter Quantum

Select	Block	Surplus QT (MW)	Requisition QT (MW) <input type="checkbox"/> Populate to All
<input checked="" type="checkbox"/>	1 00:00:00 - 00:15:00	101.00	50
<input checked="" type="checkbox"/>	2 00:15:00 - 00:30:00	101.00	101.00
<input checked="" type="checkbox"/>	3 00:30:00 - 00:45:00	101.00	101.00
<input checked="" type="checkbox"/>	4 00:45:00 - 01:00:00	101.00	101.00
<input type="checkbox"/>	5 01:00:00 - 01:15:00	101.00	0

Close Save

REQUISITION(SHORT)

Date: 05-03-2023

FC(paise/kWh): 1.67

Advance PSM Available

Save

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Select each row one by one

REQUISITION LONG DELHI

02:37:48 PM Sun, 5 March 2023

Requisition(LONG) Form Requisite only between 09:00 - 18:00 hrs

Date: 10-03-2023 Station: KUDGI

FC(paise/kWh): 1.67 VC(paise/kWh): 5.37 Select Blocks: Surplus Min - Max QT: 500 - 500 Requisition Min - Max QT: 0 - 500

Save

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Save:- Click to save filled data in the draft

The screenshot shows the 'REQUISITION LONG' page for 'DELHI'. At the top, there is a navigation bar with 'NATIONAL SURPLUS POWER PORTAL', 'DASHBOARD', 'DECLARE SURPLUS', 'REQUISITION', 'VERIFY PSM', 'REPORT', and 'ABOUT'. A clock shows '02:38:40 PM Sun, 5 March 2023'. Below the navigation, a green banner reads 'ALL SURPLUS QT' with a sub-note 'Requisite only between 09:00 - 18:00 hrs'. A green success message states 'Success! Requisition draft created successfully.'. Below this is a table with columns: Date, Station, FC(paise/kWh), VC(paise/kWh), Block, Surplus QT (MW), and Action. The table contains one row for '2023-03-11' at 'KUDGI' station with FC 1.67, VC 5.37, and Surplus QT 500-500. A 'View' button is next to the row. To the right, a 'Requisition Draft' section contains a table with columns: Date, Station, FC(paise/kWh), VC(paise/kWh), Block, Requisition(MW), and Action. It shows the same row as the main table, with a 'View' button and a 'Discard' button. A 'Proceed' button is located below this table.

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Requisition Draft:- In this table all the submitted requisition will be displayed

- View – A popup will appear showing blocks details.
- Discard – Discard current row.
- Proceed – Final requisition submission a popup will be displayed to accept terms & condition.

This screenshot is similar to the previous one but includes a modal dialog box titled 'Accept Terms & Conditions to continue'. The dialog contains four terms: a. Requested power will be allocated to new beneficiary only after order matching and Transmission corridor checking. b. Liability of Fixed cost and Variable cost shall shift to the new beneficiary/buyer once power is allocated by CEA. c. After the expiry of the temporary allocation, original allocation of Power will be reinstated. d. New beneficiary must submit the PSM to CGS for allocation of power. Without PSM submission as per timeline, Schedule of power shall not be possible. The dialog has 'Cancel' and 'Accept' buttons. The background shows the same requisition table and success message as the previous screenshot.

Terms & condition

Generator Consent(IPP will allocate power to requested beneficiaries)



NATIONAL SURPLUS POWER PORTAL DASHBOARD DECLARE SURPLUS ▾ GENERATOR CONSENT VERIFY PSM ▾ REPORT ABOUT ▾ JSWEL

Generator Availability

IPP

07:24:22 PM
Mon, 6 March 2023

All Stations


SN	Date	Scheme	Station	Surplus Beneficiary	Requisition Beneficiary	Action on	Action
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Note: Generator to declare availability based on the planned shutdown.

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Transmission availability checking by NLDC

 NATIONAL SURPLUS POWER PORTAL
NLDC

Corridor Checking by NLDC
NLDC

11:47:52 AM
Mon, 6 March 2023


Corridor Checking by NLDC

SN	Date	Block	Buyer Name	Buyer Region	Generator Name	Generator Region	Seller Name	Seller Region	Quantum(MW)	Remarks
<input type="button" value="Submit"/>										

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PSM verification by Generator

 NATIONAL SURPLUS POWER PORTAL
NTPC

PSM Checking
GENERATOR

05:19:05 PM
Mon, 6 March 2023

PSM Checking


PSM Checking by Generator

			Declaration of surplus power				Requisition of surplus power				Generator Availability	Suggestive Allocation		NPC Criteria Check	NLDC Allocation	
SN	Date	Block	Generating Station	Installed Capacity(MW)	Original Beneficiary	Quantum(MW)	Name of Entity	Quantum(MW)	Requisition Time	Whether Co-beneficiary		Name of Entity	Quantum(MW)		Allocation Qty	Remarks
<input type="button" value="Submit"/>																

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IPP Publishing by NLDC


NATIONAL SURPLUS POWER PORTAL
DASHBOARD
CORRIDOR CHECKING ▾
IPP/ISGS/STATE PUBLISH ▾
REPORT ▾
ABOUT ▾
NLDC

IPP Publishing by NLDC

NLDC

07:13:45 PM
Mon, 6 March 2023

IPP Publishing by NLDC

IPP Publishing by NLDC

				Declaration of surplus power		Requisition of surplus power		Generator Consent		NLDC Corridor Checking		Publishing	
SN	Date	Block	Generating Station	Installed Capacity(MW)	Original Beneficiary	Quantum(MW)	Name of Entity	Quantum(MW)	Name of Entity	Quantum(MW)	Revised Qty	Remarks	

Submit

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