

TTC/ATC calculation of JUSNL for month: February- 2025

Import TTC:

Sl. No.	Control area	TTC	RM	ATC	Limiting contingency N-1 & loading of the limiting equipment under that contingency
1.	JUSNL	2011 MW	44 MW	1967MW	JUSNL internal limiting element are:- 1. 132 KV Maithon-Jamtara T/L 2. 132 KV Kahalgaon-Lalmatia 3. 132 KV Adityapur-RKSN T/L 4. 132 KV Adityapur-Ramchandrapur D/C. 5. 220KV Dumka New-Maithon. Max Possible Generation for February 2025-429 MW Total load =2211 MW Total Generation = 259 MW

Assumptions for Import TTC:

Sl. No.	Station wise Generation considered (132kv & above)	Injection (+)/ Withdrawal (-) MW considered for each embedded IPP at 132kv & above(if any)	Station wise demand(MW) Considered (132kv & above)			Lines/ elements considered to be normally switched off or under forced outage(if any)	Generatin g units under forced outage(if any)	SPS consid ered (if any)
			Bus Num	Bus Name	Pload (MW)			
1.	TTPS unit I&II = 180 MW	3. CPP+IPP = 79 MW	221000	JAPLA 132.00	31	1. 132KV MNQ - MNQ line	Nil	Nil
			221002	ADITPUR 132.00	52			
2.	SHPS Hydel unit I & II =NIL MW		221003	RAJKSWN 132.00	30	2. 132KV Patratu(DVC)- Patratu(JUSNL) line		
			221004	MANIQUE 132.00	55			
			221005	PATRATU 132.00	26	3. 132KV Deoghar-Sultanganj line		
			221008	GOELKRA 132.00	27			
			221010	KENDPOSI 132.00	32			
			221011	GOLMURI 132.00	62			
			221012	JADUGORA 132.00	32			
			221013	NOAMUNDI 132.00	28			
			221014	LALMATIA 132.00	48			
			221015	DEOGHAR 132.00	62			
			221016	NAMKUM 132.00	130			
			221017	KAMDARA 132.00	35			
			221018	JAMTARA 132.00	68			
			221019	GARWAH 132.00	55			
			221020	LOHARDAGA 132.00	55			
			221021	HATIA1 132.00	148			
			221023	TOLRA 132.00	0.1944			
			221024	HEC1 132.00	12			
			221025	LODHMA 132.00	0.1944			
			221027	DUMKA 132.00	68			
			221028	SAHEBGANJ 132.00	40			
			221029	CHAKRADPUR 132.00	12			
			221034	DALTONGANJ 132.00	70			
			221041	CHAIBASA NEW132.00	30			
			221044	KANKE 132.00	90			
			221046	TAMAR 132.00	30			
			221047	TATISIL RLY 132.00	0.5073			
			221048	BAKASPUR RLY132.00	0.4876			
			221049	GUMLA 132.00	40			
			221050	RKSN RLY 132.00	0.3899			
			221053	CHAIBASA RUN132.00	10			
			221054	GOILKERA RLY132.00	0.2013			
			221056	KENDPOSI RLY132.00	0.1944			
			221057	CKP RLY 132.00	0.1944			
			221058	DALBUMGARH 132.00	40			
			221060	MADHUPUR 132.00	25			
			221061	JAMTARA RLY 132.00	15			
			221062	DEOGHAR RLY 132.00	8.0873			
			221063	PAKUR 132.00	62			
			221064	LATEHAR 132.00	45			
			221065	MANOHARPUR 132.00	6			
			221066	BANO RLY 132.00	3.7732			
			221067	MANGO 132.00	40			
			221068	SIMDEGA 132.00	20			
			221069	RAJMAHAL 132.00	38			
			221070	SHREE CEMENT132.00	2.5859			
			221071	KHUNTI 132.00	30			
			221072	GOVINDPUR 132.00	55			
			221073	KARAMTOLA RL132.00	5.312			
			221074	GODDA 132.00	48			
			221075	JASIDIH 132.00	48			
			221076	GIRIDIH 132.00	50			
			221077	SARIA 132.00	36			
			221078	JAMUA 132.00	40			
			221079	GARHWA NEW 132.00	48			
			221081	CHITRA 132.00	22			
			221083	GIS RANCHI 33.000	1.4222			
			221084	NAGARUNTARI 132.00	15			
			221085	CHATRA 132.00	40			
			221086	RATU132 132.00	42			
			221087	JARMUNDI 132.00	10			
			221089	JAINAMORE 132.00	15			
			221090	CHANDANKYARI132.00	20			
				Total	2211.5443			



JHARKHAND URJA SANCHAR NIGAM LIMITED

Office of the General Manager, SLDC, JUSNL

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Letter No. _____ ' SLDC, Ranchi,

Dated, _____/

From,

**Arun Kumar
General Manager,
SLDC, Ranchi**

To,

**Executive Director, ERLDC
14, Golf Club Road, Tollygunj
Kolkata- 700033**

Sub: TTC/ATC Calculation report of JUSNL for the month of February-2025.

Sir,

With reference to the above, please find the enclosed revised TTC/ATC Calculation report of JUSNL for the month of February 2025.

Encl: As above

Yours faithfully,

Sd/-
**(Arun Kumar)
General Manager, SLDC**

Memo No. _____ ' SLDC, Ranchi,

Dated _____

Copy submitted to Member Secretary, ERPC, Kolkata for Kind information.

Sd/-
**(Arun Kumar)
General Manager, SLDC**

Memo No. 60 ' SLDC, Ranchi,

Dated 14.02.2024

Copy submitted to GM (IT), JUSNL for uploading it on the website of JUSNL.

Sd/-
**(Arun Kumar)
General Manager, SLDC**

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16/02/2024*

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