



JHARKHAND URJA SANCHARN NIGAM LIMITED

Office of the General Manager, SLDC

Kusai Colony, Doranda, Ranchi

Phone: 0651-2490090, Fax: 0651-2490486, Email: sldcranchi@gmail.com

Letter No. _____ ' SLDC, Ranchi,

Dated, _____/

From,

Vidya Sagar Singh,
General Manager,
SLDC, Ranchi

To,

Member Secretary, ERPC
14, Golf Club Road, Tollygunj
Kolkata- 700033

Sub: TTC/ATC Calculation report of JUSNL for the month of Nov-2021.

Sir,

With reference to the above, please find the enclosed TTC/ATC Calculation report of JUSNL for the month of Nov-2021.

Encl: As above.

Yours faithfully,

Sd/-

(Vidya Sagar Singh)
General Manager, SLDC

Memo No. _____ ' SLDC, Ranchi,

Dated _____

Copy submitted to ED, ERLDC, Kolkata for Kind information.

Sd/-

(Vidya Sagar Singh)
General Manager, SLDC

Memo No. 125 ' SLDC, Ranchi,

Dated 10.08.2021

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

[Handwritten Signature]
10/8/2021

(Vidya Sagar Singh)
General Manager, SLDC

[Handwritten mark]

[Handwritten Signature]
11/08/2021
DGM (IT) / Sr. Manager (IT)

[Handwritten Signature]
11-08-2021
G.M. (IT)

TTC/ATC calculation of JUSNL for month : November 2021

Import TTC:

Sl. No.	Control area	TTC	RM	ATC	Limiting contingency N-1 & loading of the limiting equipment under that contingency
1.	JUSNL	1460MW	57MW	1403MW	1) 132 KV Maithon - Jamtara line. 2) 220 KV RCP-JOda T/L 3) 132 KV ADP-RKSN T/L 4) Total load = 1943 MW 5) Total Generation = 482 MW

Assumptions for Import TTC:

Sl. No.	Station wise (MW) 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)	Generating units under forced outage(if any)	SPS considered (if any)
			Bus Number	Bus Name	Pload (MW)			
1.	TTPS unit I&II = 300 MW	3. CPP/IPP = IPL Unit 82 MW	22 1000	JAPLA 132.00	30	1. 132KV MNQ - MNQ line	Nil	Nil
			22 1002	A KTLRE 132.00	65			
2.	SHPS Hydel unit I & II = 100 MW		22 1003	RJ-KSWN 132.00	30	2. 132KV Patratu(DVC)- Patratu(JUSNL) line		
			22 1004	MANIQUE 132.00	55			
			22 1005	PATRATU 132.00	25			
			22 1006	GOLKRA 132.00	35			
			22 1010	KENDPOSI 132.00	30			
			22 1011	GOLMURI 132.00	70			
			22 1012	JADUGORA 132.00	40			
			22 1013	NOAMUNDI 132.00	25			
			22 1014	LJ MATTA 132.00	50			
			22 1015	DEGHAR 132.00	90			
			22 1016	NANKUM 132.00	120			
			22 1017	KAMDARA 132.00	25			
			22 1018	JAMTARA 132.00	55			
			22 1019	GARWATI 132.00	70			
			22 1020	LOHARDAGA 132.00	50			
			22 1021	HATIAI 132.00	140			
			22 1023	TOLRA 132.00	1			
			22 1024	HCCI 132.00	15			
			22 1025	LODHIMA 132.00	1			
			22 1027	DUMKA 132.00	55			
			22 1028	SATHEGANI 132.00	35			
			22 1029	CHAKRADPUR 132.00	18			
			22 1034	DALTONGANI 132.00	60			
			22 1039	RUNGTA CBSA 132.00	11			
			22 1041	CHIBASA NEW 132.00	35			
			22 1044	FANKE 132.00	70			
			22 1046	TAMAR 132.00	30			
			22 1047	T. TISIL RLY 132.00	2			
			22 1048	BAI ASPUR RLY 132.00	2			
			22 1049	GUMLA 132.00	25			
			22 1050	RKSN RLY 132.00	2			
			22 1054	GOLKERA RLY 132.00	1			
			22 1056	KENDPOSI RLY 132.00	1			
			22 1057	CKP RLY 132.00	1			
			22 1058	DALJUMGARI 132.00	45			
			22 1060	MADHUPUR 132.00	35			
			22 1061	JAMTARA RLY 132.00	3			
			22 1062	DEGHAR RLY 132.00	3			
			22 1063	PAKUR 132.00	60			
			22 1064	LATEHAR 132.00	30			
			22 1065	MANOHARPUR 132.00	15			
			22 1066	BANO RLY 132.00	2			
22 1067	MANGO 132.00	35						
22 1068	SIMDEGA 132.00	25						
22 1069	RAJMAHAL 132.00	25						
22 1070	SHREE CEMENT 132.00	5						
22 1071	KIRINJI 132.00	25						
22 1072	GEVINDPUR 132.00	65						
22 1073	KATAMOLA RL 132.00	2						
22 1074	GODDA 132.00	55						
22 1075	JASIDIH 132.00	30						
22 1076	GIRIDIH 132.00	35						
22 1077	SARBA 132.00	9						
22 1078	JAMUA 132.00	14						
22 1079	GARBIWA NEW 132.00	18						
22 1081	CHITRA 132.00	18						
22 1083	GISHANCHI 132.00	9						
22 1084	NAGARUNTAH 132.00	10						
			Total	1943				

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