



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,

**Ashish Kumar,
General Manager,
SLDC, Ranchi**

To,

**Sri J. Bandyopadhaya
Member Secretary, ERPC
14, Golf Club Road, Tollygunj
Kolkata- 700033**

Sub: TTC/ATC Calculation report of JUSNL for the month of August-2020.

Sir,

With reference to the above, please find the enclosed TTC/ATC Calculation report of JUSNL for the month of August- 2020.

Encl: As above

Yours faithfully,

Sd/-

**(Ashish Kumar)
General Manager, SLDC**

Dated _____

Memo No. _____ ' SLDC, Ranchi,

Copy submitted to GM, ERLDC, Kolkata, JUSNL Ranchi for Kind information.

Sd/-

**(Ashish Kumar)
General Manager, SLDC**

Dated 16-06-2020

Memo No. 13 ' SLDC, Ranchi,

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

**(Ashish Kumar)
General Manager, SLDC**

*2 P
GM (IT)
17-06-2020*

*16/06/2020
AK*

TTC/ATC calculation of JUSNL for month : August 2020

Import TTC:

Sl. No.	Control area	TTC	RM	ATC	Limiting contingency N-1 & loading of the limiting equipment under that contingency
1.	JUSNL	1245MW	34 MW	1211MW	1) 132 KV Maithon - Jamtara line. 2) 132 KV D/c Ramchandarpur - Adityapur line. 3) 132 KV D/c RKSJN -Adityapur line. 4) Total load =1699 MW 5) Total Generation = 492 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	221000	JAPLA	132.00	1. 132KV MNQ - MNQ Transmission line 2. 132 KV Patratu-Patratu Transmission line	Nil	Nil
2.	SHPS Hydel unit I & II = 55+ 55 = 110 MW		221002	ADITPUR	132.00			
			221003	RAJKSWN	132.00			
			221004	MANIQUE	132.00			
			221005	PATRATU	132.00			
			221008	GOELKRA	132.00			
			221010	KENDPOSI	132.00			
			221011	GOLMURI	132.00			
			221012	JADUGORA	132.00			
			221013	NOAMUNDI	132.00			
			221014	LALMATIA	132.00			
			221015	DEOGHAR	132.00			
			221016	NAMKUM	132.00			
			221017	KAMDARA	132.00			
			221018	JAMTARA	132.00			
			221019	GARWAH	132.00			
			221020	LOHARDAGA	132.00			
			221021	HATIA1	132.00			
			221023	TOLRA	132.00			
			221024	HEC1	132.00			
			221025	LODHMA	132.00			
			221027	DUMKA	132.00			
			221028	SAHEBGANJ	132.00			
			221029	CHAKRADPUR	132.00			
			221034	DALTONGANJ	132.00			
			221041	CHAIBASA NEW	132.00			
			221044	KANKE	132.00			
			221046	TAMAR	132.00			
			221047	TATISIL RLY	132.00			
			221048	BAKASPUR RLY	132.00			
			221049	GUMLA	132.00			
			221050	RKSJN RLY	132.00			
			221053	CHAIBASA RUN	132.00			
			221054	GOILKERA RLY	132.00			
			221056	KENDPOSI RLY	132.00			
			221057	CKP RLY	132.00			
			221058	DALBUMGARH	132.00			
			221060	MADHUPUR	132.00			
			221061	JAMTARA RLY	132.00			
			221062	DEOGHAR RLY	132.00			
			221063	PAKUR	132.00			
			221064	LATEHAR	132.00			
			221065	MANOHARPUR	132.00			
			221066	BANO RLY	132.00			
			221067	MANGO	132.00			
			221068	SIMDEGA	132.00			
			221069	RAJMAHAL	132.00			
			221070	SHREE CEMENT	132.00			
			221071	KHUNTI	132.00			
			221072	GOVINDPUR	132.00			
			221073	KARAMTOLA RL	132.00			
			221074	GODDA	132.00			
			Total		1699			

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