



**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 Sept-2021.

Sir,

With reference to the above, please find the enclosed TTC/ATC Calculation report of JUSNL for the month of Sept-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. 85 ' SLDC, Ranchi,

Dated 04.06.2021

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

*Vidya Sagar Singh*  
04/06/2021

(Vidya Sagar Singh)  
General Manager, SLDC

171  
GM (IT)  
07-06-2021

DHM (IT)  
Pl. ensure.  
07/06/2021

SM (IT)  
07.06.21

**TTC/ATC calculation of JUSNL for month : Sept- 2021**

**Import TTC:**

Sl. No.	Control area	TTC	RM	ATC	Limiting contingency N-1 & loading of the limiting equipment under that contingency
1.	JUSNL	1421 MW	51 MW	1370 MW	1) 132 KV Adityapur-RKSN T/L. 2) 132 KV Jamtara-Maithon T/L 3) Total load =1896 MW 4) Total Generation = 528 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 123 MW	221000	JAPLA	132.00	1. 132KV MNQ - MNQ line	Nil	Nil
			221002	ADITPUR	132.00			
2.	SHPS Hydel unit I & II =105 MW		221003	RAKSWN	132.00	2. 132KV Patratu(DVC)- Patratu(JUSNL) line		
			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	HATIAI	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	RKSN 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			
			221075	JASIDIH	132.00			
			221076	GIRIDIH	132.00			
			221077	SARIA	132.00			
			221078	JAMUA	132.00			
			221079	GARHWA NEW	132.00			
			221081	CHITRA	132.00			
			221083	GIS RANCHI	33.000			
			Total					1896

dr