

TTC/ATC calculation of JUSNL for month: Nov-2022

222

**Import TTC:**

Sl. No.	Control area	TTC	RM	ATC	Limiting contingency N-1 & loading of the limiting equipment under that contingency
1.	JUSNL	1530 MW	52MW	1478 MW	JUSNL internal limiting element are:- 1.132 KV Lalmatia-Kahalogaon T/L 2.Max Possible Generation for Nov 514 MW Total load =1992 MW Total Generation = 514MW

**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	Load (MW)				
1.	TTPS unit I&II = 330 MW	3. CPP/IPP = IPL Unit 74 MW	221000	JAPLA	132.00	35	1. 132KV MNQ – MNQ line	Nil	Nil
2.	SHPS Hydel unit I & II = 110 =110 MW		221002	ADITPUR	132.00	65			
			221003	RAJKSWN	132.00	25			
			221004	MANIQUE	132.00	55			
			221005	PATRATU	132.00	25			
			221008	GOELKRA	132.00	22			
			221010	KENDPOSI	132.00	30			
			221011	GOLMURI	132.00	70			
			221012	JADUGORA	132.00	45			
			221013	NOAMUNDI	132.00	25			
			221014	LALMATIA	132.00	50			
			221015	DEOGHAR	132.00	80			
			221016	NAMKUM	132.00	120			
			221017	KAMDARA	132.00	30			
			221018	JAMTARA	132.00	35			
			221019	GARWAH	132.00	70			
			221020	LOHARDAGA	132.00	50			
			221021	HATIA 1	132.00	140			
			221023	TOLRA	132.00	0			
			221024	HEC 1	132.00	10			
			221025	LODHMA	132.00	0			
			221027	DUMKA	132.00	60			
			221028	SAHEBGANJ	132.00	35			
			221029	CHAKRADPUR	132.00	15			
			221034	DALTONGANJ	132.00	75			
			221041	CHAIBASA NEW	132.00	25			
			221044	KANKE	132.00	75			
			221046	TAMAR	132.00	25			
			221047	TATISIL RLY	132.00	1			
			221048	BAKASPUR RLY	132.00	1			
			221049	GUMLA	132.00	30			
			221050	RKSN RLY	132.00	1			
			221053	CHAIBASA RUN	132.00	15			
			221054	GOILKERA RLY	132.00	0			
			221056	KENDPOSI RLY	132.00	0			
			221057	CKP RLY	132.00	0			
			221058	DALBUMGARH	132.00	45			
			221060	MADHUPUR	132.00	30			
			221061	JAMTARA RLY	132.00	6			
			221062	DEOGHAR RLY	132.00	11			
			221063	PAKUR	132.00	55			
			221064	LATEHAR	132.00	30			
			221065	MANOHARPUR	132.00	15			
			221066	BANQ RLY	132.00	5			
			221067	MANGO	132.00	30			
			221068	SIMDEGA	132.00	20			
			221069	RAJMAHAL	132.00	25			
			221070	SHREE CEMENT	132.00	4			
			221071	KHUNTI	132.00	20			
			221072	GOVINDPUR	132.00	70			
			221073	KARAMTOLA RL	132.00	5			
			221074	GODDA	132.00	45			
			221075	JASIDIH	132.00	25			
			221076	GIRIDIH	132.00	40			
			221077	SARIA	132.00	15			
			221078	JAMUA	132.00	15			
			221079	GARHWA NEW	132.00	35			
			221081	CHITRA	132.00	25			
			221083	GIS RANCHI	33.000	3			
			221084	NAGARUNTARI	132.00	6			
			221085	CHATRA	132.00	33			
			221086	RATU	132.00	40			
				<b>Total</b>		<b>1992</b>			