

# TTC/ATC calculation of JUSNL for month : May 2020

## Import TTC:

Sl. No.	Control area	TTC	RM	ATC	Limiting contingency N-1 & loading of the limiting equipment under that contingency
1.	JUSNL	1185MW	33 MW	1152MW	1) 132 KV S/c Rajkharsawan -Adityapur line. 2) Total load =1549 MW 3) Total Generation = 405 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 = 332 MW	3. CPP/IPP = IPL Unit 73 MW				1. 132KV MNQ - MNQ line	Nil	Nil
2.	SHPS Hydel unit I & II = 0+0 = 0 MW							
			221000	JAPLA 132.00	35			
			221002	ADITPUR 132.00	85			
			221003	RAKSWN 132.00	25			
			221004	MANIQUE 132.00	55			
			221005	PATRATU 132.00	25			
			221008	GOELKRA 132.00	25			
			221010	KENDPOSI 132.00	35			
			221011	GOLMURI 132.00	64			
			221012	JADUGORA 132.00	35			
			221013	NOAMUNDI 132.00	25			
			221014	LALMATIA 132.00	55			
			221015	DEOGHAR 132.00	90			
			221016	NAMKUM 132.00	106			
			221017	KAMDARA 132.00	35			
			221018	JAMTARA 132.00	50			
			221019	GARWAH 132.00	55			
			221020	LOHARDAGA 132.00	45			
			221021	HATIA1 132.00	125			
			221023	TOLRA 132.00	1			
			221024	HEC1 132.00	13			
			221025	LODHMA 132.00	1			
			221027	DUMKA 132.00	55			
			221028	SAHEBGANJ 132.00	35			
			221029	CHAKRADPUR 132.00	15			
			221034	DALTONGANJ 132.00	48			
			221041	CHAIBASA NEW132.00	17			
			221044	KANKE 132.00	70			
			221046	TAMAR 132.00	20			
			221047	TATISIL RLY 132.00	4			
			221048	BAKASPUR RLY132.00	4			
			221049	GUMLA 132.00	25			
			221050	RKSN RLY 132.00	3			
			221053	CHAIBASA RUN132.00	10			
			221054	GOILKERA RLY132.00	2			
			221056	KENDPOSI RLY132.00	1			
			221057	CKP RLY 132.00	1			
			221058	DALBUMGARH 132.00	45			
			221060	MADHUPUR 132.00	19			
			221061	JAMTARA RLY 132.00	5			
			221062	DEOGHAR RLY 132.00	5			
			221063	PAKUR 132.00	55			
			221064	LATEHAR 132.00	16			
			221065	MANOHARPUR 132.00	9			
			221066	BANO RLY 132.00	3			
			221067	MANGO 132.00	19			
			221068	SIMDEGA 132.00	6			
			221069	RAJMAHAL 132.00	17			
			221070	SHREE CEMENT132.00	9			
			221071	KHUNTI 132.00	20			
			221072	GOVINDPUR 132.00	25			
			Total		1549			