

TTC/ATC calculation of JUSNL for month: Jan-2023

Import TTC:

Sl. No.	Control area	TTC	RM	ATC	Limiting contingency N-1 & loading of the limiting equipment under that contingency
1.	JUSNL	1638 MW	39MW	1599 MW	JUSNL internal limiting element are:- 1.132 KV Lalmatia-Kahalogaon T/L 2.132 KV Maithon-Jamtra T/L 2.Max Possible Generation for Jan= 393 MW Total load =1972 MW Total Generation = 393 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 consi dered (if any)																																																																																																																																																																																																
1.	TTPS unit I&II = 320 MW	3. CPP/IPP = IPL Unit 73 MW	<table><tr><th>Bus Number</th><th>Bus Name</th><th>Pload (MW)</th></tr><tr><td>221000</td><td>JAPLA 132.00</td><td>35</td></tr><tr><td>221002</td><td>ADITPUR 132.00</td><td>55</td></tr><tr><td>221003</td><td>RAJKSWN 132.00</td><td>25</td></tr><tr><td>221004</td><td>MANIQUE 132.00</td><td>55</td></tr><tr><td>221005</td><td>PATRATU 132.00</td><td>25</td></tr><tr><td>221008</td><td>GOELKRA 132.00</td><td>30</td></tr><tr><td>221010</td><td>KENDPOSI 132.00</td><td>30</td></tr><tr><td>221011</td><td>GOLMURI 132.00</td><td>60</td></tr><tr><td>221012</td><td>JADUGORA 132.00</td><td>35</td></tr><tr><td>221013</td><td>NOAMUNDI 132.00</td><td>20</td></tr><tr><td>221014</td><td>LALMATIA 132.00</td><td>50</td></tr><tr><td>221015</td><td>DEOGHAR 132.00</td><td>50</td></tr><tr><td>221016</td><td>NAMKUM 132.00</td><td>135</td></tr><tr><td>221017</td><td>KAMDARA 132.00</td><td>30</td></tr><tr><td>221018</td><td>JAMTARA 132.00</td><td>50</td></tr><tr><td>221019</td><td>GARWAH 132.00</td><td>45</td></tr><tr><td>221020</td><td>LOHARDAGA 132.00</td><td>55</td></tr><tr><td>221021</td><td>HATIA1 132.00</td><td>145</td></tr><tr><td>221023</td><td>TOLRA 132.00</td><td>0.2947</td></tr><tr><td>221024</td><td>HEC1 132.00</td><td>4.4965</td></tr><tr><td>221025</td><td>LODHMA 132.00</td><td>0.2947</td></tr><tr><td>221027</td><td>DUMKA 132.00</td><td>60</td></tr><tr><td>221028</td><td>SAHEBGANJ 132.00</td><td>35</td></tr><tr><td>221029</td><td>CHAKRADPUR 132.00</td><td>10</td></tr><tr><td>221034</td><td>DALTONGANJ 132.00</td><td>65</td></tr><tr><td>221041</td><td>CHAIBASA NEW132.00</td><td>35</td></tr><tr><td>221044</td><td>KANKE 132.00</td><td>85</td></tr><tr><td>221046</td><td>TAMAR 132.00</td><td>30</td></tr><tr><td>221047</td><td>TATISIL RLY 132.00</td><td>0.7648</td></tr><tr><td>221048</td><td>BAKASPUR RLY132.00</td><td>0.7378</td></tr><tr><td>221049</td><td>GUMLA 132.00</td><td>28</td></tr><tr><td>221050</td><td>RKSN RLY 132.00</td><td>0.5915</td></tr><tr><td>221053</td><td>CHAIBASA RUN132.00</td><td>7.3285</td></tr><tr><td>221054</td><td>GOILKERA RLY132.00</td><td>0.303</td></tr><tr><td>221056</td><td>KENDPOSI RLY132.00</td><td>0.2947</td></tr><tr><td>221057</td><td>CKP RLY 132.00</td><td>0.2947</td></tr><tr><td>221058</td><td>DALBUMGARH 132.00</td><td>40</td></tr><tr><td>221060</td><td>MADHUPUR 132.00</td><td>25</td></tr><tr><td>221061</td><td>JAMTARA RLY 132.00</td><td>6.5211</td></tr><tr><td>221062</td><td>DEOGHAR RLY 132.00²</td><td>12.2276</td></tr><tr><td>221063</td><td>PAKUR 132.00</td><td>55</td></tr><tr><td>221064</td><td>LATEHAR 132.00</td><td>30</td></tr><tr><td>221065</td><td>MANOHARPUR 132.00</td><td>15</td></tr><tr><td>221066</td><td>BANO RLY 132.00</td><td>5.7044</td></tr><tr><td>221067</td><td>MANGO 132.00</td><td>40</td></tr><tr><td>221068</td><td>SIMDEGA 132.00</td><td>20</td></tr><tr><td>221069</td><td>RAJMAHAL 132.00</td><td>30</td></tr><tr><td>221070</td><td>SHREE CEMENT132.00</td><td>3.9102</td></tr><tr><td>221071</td><td>KHUNTI 132.00</td><td>20</td></tr><tr><td>221072</td><td>GOVINDPUR 132.00</td><td>60</td></tr><tr><td>221073</td><td>KARAMTOLA RL132.00</td><td>5.7044</td></tr><tr><td>221074</td><td>GODDA 132.00</td><td>50</td></tr><tr><td>221075</td><td>JASIDIH 132.00</td><td>30</td></tr><tr><td>221076</td><td>GIRIDIH 132.00</td><td>45</td></tr><tr><td>221077</td><td>SARIA 132.00</td><td>25</td></tr><tr><td>221078</td><td>JAMUA 132.00</td><td>30</td></tr><tr><td>221079</td><td>GARHWA NEW 132.00</td><td>30</td></tr><tr><td>221081</td><td>CHITRA 132.00</td><td>30</td></tr><tr><td>221083</td><td>GIS RANCHI 33.000</td><td>2.998</td></tr><tr><td>221084</td><td>NAGARUNTARI 132.00</td><td>6.9767</td></tr><tr><td>221085</td><td>CHATRA 132.00</td><td>30</td></tr><tr><td>221086</td><td>RATU132 132.00</td><td>30</td></tr><tr><td></td><td></td><td>1972.4433</td></tr></table>	Bus Number	Bus Name	Pload (MW)	221000	JAPLA 132.00	35	221002	ADITPUR 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