

Revised TTC/ATC calculation of JUSNL for month: July 2023

Import TTC:

Sl. No.	Control area	TTC	RM	ATC	Limiting contingency N-1 & loading of the limiting equipment under that contingency
1.	JUSNL	1785MW	40 MW	1745MW	JUSNL internal limiting element are:- 1. 132 KV Maithon-Jamtara T/L Max Possible Generation for July-235 MW Total load =1970 MW Total Generation = 235 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)																																																																																																																																																																																																
1.	TTPS unit I&II = 150 MW	3. CPP/IPP = IPL Unit 85 MW	<table><tr><th>Bus Num</th><th>Bus Name</th><th>Pload (MW)</th></tr><tr><td>221000</td><td>JAPLA 132.00</td><td>25</td></tr><tr><td>221002</td><td>ADITPUR 132.00</td><td>60</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>50</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>25</td></tr><tr><td>221010</td><td>KENDPOSI 132.00</td><td>40</td></tr><tr><td>221011</td><td>GOLMURI 132.00</td><td>65</td></tr><tr><td>221012</td><td>JADUGORA 132.00</td><td>32</td></tr><tr><td>221013</td><td>NOAMUNDI 132.00</td><td>35</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>58</td></tr><tr><td>221016</td><td>NAMKUM 132.00</td><td>125</td></tr><tr><td>221017</td><td>KAMDARA 132.00</td><td>35</td></tr><tr><td>221018</td><td>JAMTARA 132.00</td><td>60</td></tr><tr><td>221019</td><td>GARWAH 132.00</td><td>55</td></tr><tr><td>221020</td><td>LOHARDAGA 132.00</td><td>45</td></tr><tr><td>221021</td><td>HATIA 1 132.00</td><td>135</td></tr><tr><td>221023</td><td>TOLRA 132.00</td><td>0.2675</td></tr><tr><td>221024</td><td>HEC1 132.00</td><td>12</td></tr><tr><td>221025</td><td>LODHMA 132.00</td><td>0.2675</td></tr><tr><td>221027</td><td>DUMKA 132.00</td><td>65</td></tr><tr><td>221028</td><td>SAHEBGANJ 132.00</td><td>40</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>80</td></tr><tr><td>221046</td><td>TAMAR 132.00</td><td>35</td></tr><tr><td>221047</td><td>TATISIL RLY 132.00</td><td>0.6976</td></tr><tr><td>221048</td><td>BAKASPUR RLY132.00</td><td>0.6718</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>0.537</td></tr><tr><td>221053</td><td>CHAIBASA RUN132.00</td><td>10</td></tr><tr><td>221054</td><td>GOILKERA RLY132.00</td><td>0.2755</td></tr><tr><td>221056</td><td>KENDPOSI RLY132.00</td><td>0.2675</td></tr><tr><td>221057</td><td>CKP RLY 132.00</td><td>0.2675</td></tr><tr><td>221058</td><td>DALBUMGARH 132.00</td><td>36</td></tr><tr><td>221060</td><td>MADHUPUR 132.00</td><td>28</td></tr><tr><td>221061</td><td>JAMTARA RLY 132.00</td><td>5.9342</td></tr><tr><td>221062</td><td>DEOGHAR RLY 132.00</td><td>10</td></tr><tr><td>221063</td><td>PAKUR 132.00</td><td>65</td></tr><tr><td>221064</td><td>LATEHAR 132.00</td><td>24</td></tr><tr><td>221065</td><td>MANOHARPUR 132.00</td><td>6</td></tr><tr><td>221066</td><td>BANO RLY 132.00</td><td>5.191</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>40</td></tr><tr><td>221070</td><td>SHREE CEMENT132.00</td><td>3.5</td></tr><tr><td>221071</td><td>KHUNTI 132.00</td><td>18</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>5.312</td></tr><tr><td>221074</td><td>GODDA 132.00</td><td>40</td></tr><tr><td>221075</td><td>JASIDIH 132.00</td><td>33</td></tr><tr><td>221076</td><td>GIRIDIH 132.00</td><td>35</td></tr><tr><td>221077</td><td>SARIA 132.00</td><td>20</td></tr><tr><td>221078</td><td>JAMUA 132.00</td><td>18</td></tr><tr><td>221079</td><td>GARHWA NEW 132.00</td><td>35</td></tr><tr><td>221081</td><td>CHITRA 132.00</td><td>25</td></tr><tr><td>221083</td><td>GIS RANCHI 33.000</td><td>1</td></tr><tr><td>221084</td><td>NAGARUNTARI 132.00</td><td>8</td></tr><tr><td>221085</td><td>CHATRA 132.00</td><td>30</td></tr><tr><td>221086</td><td>BURMU 132 132.00</td><td>30</td></tr><tr><td colspan="2">Total</td><td>1970.1891</td></tr></table>	Bus Num	Bus Name	Pload (MW)	221000	JAPLA 132.00	25	221002	ADITPUR 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