



JHARKHAND URJA SANCHARN NIGAM LIMITED

Office of the General Manager, SLDC, JUSNL

Kusai Colony, Doranda, Ranchi

Phone: 0651-2490090, Fax: 0651-2490486, Email: sldcranchi@gmail.com

Letter No. _____ ' SLDC, Ranchi,

Dated, _____/

From,

Umesh Prasad Singh
General Manager
SLDC, Ranchi

To,

Executive Director, ERLDC
14, Golf Club Road, Tollygunj
Kolkata- 700033

Sub: TTC/ATC Calculation report of JUSNL for the month of August-2026 & July-2027.

Sir,

With reference to the above, please find the enclosed revised TTC/ATC Calculation report of JUSNL for the month of August-2026 & July-2027.

Encl: As above.

Yours faithfully,

Sd/-

(Umesh Prasad Singh)
General Manager, SLDC

Memo No. _____ ' SLDC, Ranchi,

Dated _____

Copy submitted to Member Secretary, ERPC, Kolkata for Kind information.

Sd/-

(Umesh Prasad Singh)
General Manager, SLDC

Memo No. 235, SLDC, Ranchi,

Dated 24.07.2026

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

136/G.M (T.T)
27/07/2026

24/07/26
(Umesh Prasad Singh)
General Manager, SLDC

122^c

TTC/ATC calculation of JUSNL for month: AUG- 2026
Import TTC:

Sl. No.	Control area	TTC	RM	ATC	Limiting contingency N-1 & loading of the limiting equipment under that contingency
1.	JUSNL	2056 MW	46 MW	2010 MW	JUSNL internal limiting element are :- None Max Possible Generation for AUG' 2026- 580 MW Total load = 2324 MW Total Generation = 334 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)	Generati ng units under forced outage(if any)	SPS con der (if any)																																																																																																																																																																																																																																																																		
1.	TTPS unit I&II = 180 MW	3. CPP+IPP = 54 MW	<table><thead><tr><th>Bus Number</th><th>Bus Name</th><th>Pload (MW)</th></tr></thead><tbody><tr><td>221000</td><td>JAPLA 132.00</td><td>26</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>16</td></tr><tr><td>221004</td><td>MANIQUE 132.00</td><td>42</td></tr><tr><td>221005</td><td>PATRATU 132.00</td><td>0</td></tr><tr><td>221007</td><td>SRHP SIKIDRI132.00</td><td>10</td></tr><tr><td>221008</td><td>GOELKRA 132.00</td><td>5</td></tr><tr><td>221009</td><td>RAMCHANDRAPU132.00</td><td>15</td></tr><tr><td>221010</td><td>KENDPOSI 132.00</td><td>25</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>34</td></tr><tr><td>221013</td><td>NOAMUNDI 132.00</td><td>28</td></tr><tr><td>221014</td><td>LALMATIA 132.00</td><td>38</td></tr><tr><td>221014</td><td>LALMATIA 132.00</td><td>13</td></tr><tr><td>221015</td><td>DEOGHAR 132.00</td><td>60</td></tr><tr><td>221016</td><td>NAMKUM 132.00</td><td>128</td></tr><tr><td>221017</td><td>KAMDARA 132.00</td><td>25</td></tr><tr><td>221018</td><td>JAMTARA 132.00</td><td>45</td></tr><tr><td>221019</td><td>GARWAH 132.00</td><td>25</td></tr><tr><td>221020</td><td>LOHARDAGA 132.00</td><td>56</td></tr><tr><td>221021</td><td>HATIA1 132.00</td><td>130</td></tr><tr><td>221023</td><td>TOLRA 132.00</td><td>28.428</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>4</td></tr><tr><td>221027</td><td>DUMKA 132.00</td><td>65</td></tr><tr><td>221027</td><td>DUMKA 132.00</td><td>0</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>70</td></tr><tr><td>221041</td><td>CHAIBASA NEW132.00</td><td>30</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>40</td></tr><tr><td>221047</td><td>TATISIL RLY 132.00</td><td>14</td></tr><tr><td>221048</td><td>BAKASPUR RLY132.00</td><td>9</td></tr><tr><td>221049</td><td>GUMLA 132.00</td><td>30</td></tr><tr><td>221050</td><td>RKSN RLY 132.00</td><td>20</td></tr><tr><td>221053</td><td>CHAIBASA RUN132.00</td><td>12</td></tr><tr><td>221054</td><td>GOILKERA RLY132.00</td><td>4</td></tr><tr><td>221055</td><td>NOAMUNDITATA132.00</td><td>15</td></tr><tr><td>221056</td><td>KENDPOSI RLY132.00</td><td>2.703</td></tr><tr><td>221057</td><td>CKP RLY 132.00</td><td>0.059</td></tr><tr><td>221058</td><td>DALBUMGARH 132.00</td><td>42</td></tr><tr><td>221060</td><td>MADHUPUR 132.00</td><td>30</td></tr><tr><td>221061</td><td>JAMTARA RLY 132.00</td><td>6</td></tr><tr><td>221062</td><td>DEOGHAR RLY 132.00</td><td>3</td></tr><tr><td>221063</td><td>PAKUR 132.00</td><td>55</td></tr><tr><td>221063</td><td>PAKUR 132.00</td><td>5</td></tr><tr><td>221064</td><td>LATEHAR 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Import of Jharkhand Transfer Capability for August-2026

S.N	Corridor/Control Area	Date	Time Period	Time Blocks	Total Transfer Capability (TTC) (MW)	Reliability Margin (RM) (MW)	Available Transfer Capability (ATC) (MW)	Approved GNA (MW)	Margin for T- GNA (MW)	Changes in TTC w.r.t last revision	Remarks
1	JUSNL	01.08.26 to 31.08.26	00 to 24 hrs	1 to 96	2056	46	2010	1590	420		Total gen-334 MW, Load-2324 MW
Limiting Constraints:- None											

TTC/ATC calculation of JUSNL for month: July- 2027
Import TTC:

Sl. No.	Control area	TTC	RM	ATC	Limiting contingency N-1 & loading of the limiting equipment under that contingency
1.	JUSNL	1532 MW	49 MW	1483 MW	JUSNL internal limiting element are :- None Max Possible Generation for JULY' 2027-1995 MW Total load = 2457 MW Total Generation = 999 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)	Generati ng units under forced outage(if any)	SPS consi dere d (if any)																																																																																																																																																																																																																																																															
1.	TTPS unit I&II = 180 MW	CPP+IPP = 69 MW	<table><thead><tr><th>Bus Number</th><th>Bus Name</th><th>Pload (MW)</th></tr></thead><tbody><tr><td>221000</td><td>JAPLA 132.00</td><td>32</td></tr><tr><td>221002</td><td>ADITPUR 132.00</td><td>61</td></tr><tr><td>221003</td><td>RAJKSWN 132.00</td><td>16</td></tr><tr><td>221004</td><td>MANIQUE 132.00</td><td>45</td></tr><tr><td>221005</td><td>PATRATU 132.00</td><td>0</td></tr><tr><td>221007</td><td>SRHP SIKIDRI132.00</td><td>10</td></tr><tr><td>221008</td><td>GOELKRA 132.00</td><td>6</td></tr><tr><td>221009</td><td>RAMCHANDRAPU132.00</td><td>15</td></tr><tr><td>221010</td><td>KENDPOSI 132.00</td><td>28</td></tr><tr><td>221011</td><td>GOLMURI 132.00</td><td>70</td></tr><tr><td>221012</td><td>JADUGORA 132.00</td><td>34</td></tr><tr><td>221013</td><td>NOAMUNDI 132.00</td><td>30</td></tr><tr><td>221014</td><td>LALMATIA 132.00</td><td>40</td></tr><tr><td>221014</td><td>LALMATIA 132.00</td><td>13</td></tr><tr><td>221015</td><td>DEOGHAR 132.00</td><td>60</td></tr><tr><td>221016</td><td>NAMKUM 132.00</td><td>140</td></tr><tr><td>221017</td><td>KAMDARA 132.00</td><td>28</td></tr><tr><td>221018</td><td>JAMTARA 132.00</td><td>48</td></tr><tr><td>221019</td><td>GARWAH 132.00</td><td>25</td></tr><tr><td>221020</td><td>LOHARDAGA 132.00</td><td>65</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>28.428</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>4</td></tr><tr><td>221027</td><td>DUMKA 132.00</td><td>65</td></tr><tr><td>221027</td><td>DUMKA 132.00</td><td>0</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>70</td></tr><tr><td>221041</td><td>CHAIBASA NEW132.00</td><td>30</td></tr><tr><td>221044</td><td>KANKE 132.00</td><td>90</td></tr><tr><td>221046</td><td>TAMAR 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221077	SARIA 132.00	36																																																																																																																																																																																																																																																																			
221078	JAMUA 132.00	42																																																																																																																																																																																																																																																																			
221079	GARHWA NEW 132.00	42																																																																																																																																																																																																																																																																			
221081	CHITRA 132.00	30																																																																																																																																																																																																																																																																			
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221087	JARMUNDI 132.00	12																																																																																																																																																																																																																																																																			
221089	JAINAMORE 132.00	30																																																																																																																																																																																																																																																																			
221090	CHANDANKYARI132.00	25																																																																																																																																																																																																																																																																			
221091	BARHAIT 132.00	20																																																																																																																																																																																																																																																																			
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221099	PATRATU132 132.00	28																																																																																																																																																																																																																																																																			
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