



**JHARKHAND URJA SANCHAR NIGAM LIMITED**

**Office of the General Manager, SLDC**

**Kusai Colony, Doranda, Ranchi**

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

Letter No. \_\_\_\_\_ ' SLDC, Ranchi,

Dated, \_\_\_\_\_ /

From,

Ashish Kumar,  
General Manager,  
SLDC, Ranchi

To,

Member Secretary, ERPC  
14, Golf Club Road, Tollygunj  
Kolkata- 700033

**Sub: TTC/ATC Calculation report of JUSNL for the month of Nov-2020.**

Sir,

With reference to the above, please find the enclosed TTC/ATC Calculation report of JUSNL for the month of Nov-2020.

**Encl:** As above

Yours faithfully,

Sd/-

(Ashish kumar)

General Manager, SLDC

Dated \_\_\_\_\_

**Memo No. \_\_\_\_\_ ' SLDC, Ranchi,**

Copy submitted to ED, ERLDC, Kolkata for Kind information.

Sd/-

(Ashish kumar)

General Manager, SLDC

Dated 29-09-2020

**Memo No. 49 ' SLDC, Ranchi,**

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

84  
GM(PT)  
01-10-2020

(Ashish kumar)

General Manager, SLDC

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

### Import TTC:

Sl. No.	Control area	TTC	RM	ATC	Limiting contingency N-1 & loading of the limiting equipment under that contingency
1.	JUSNL	1525MW	38 MW	1487MW	1) 132 KV Maithon – Jamtara line. 2) Total load = 1924 MW 3) Total Generation = 448 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 = 300 MW	3. CPP/IPP = IPL Unit 93 MW	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <thead> <tr> <th>Bus Number</th> <th>Bus Name</th> <th>Load (MW)</th> </tr> </thead> <tr><td>221000</td><td>JAPLA 132.00</td><td>25</td></tr> <tr><td>221002</td><td>ADITPUR 132.00</td><td>80</td></tr> <tr><td>221003</td><td>RAKSWN 132.00</td><td>30</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>20</td></tr> <tr><td>221010</td><td>KENDPOSI 132.00</td><td>35</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>40</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>65</td></tr> <tr><td>221015</td><td>DEOGHAR 132.00</td><td>90</td></tr> <tr><td>221016</td><td>NAMKUM 132.00</td><td>120</td></tr> <tr><td>221017</td><td>KAMDARA 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