



JHARKHAND URJA SANCHARN NIGAM LIMITED

Office of the General Manager, SLDC

Kusai Colony, Doranda, Ranchi

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

Letter No. _____ ' SLDC, Ranchi,

Dated, _____

From,

**Vidya Sagar Singh,
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 April-2021.

Sir,

With reference to the above, please find the enclosed TTC/ATC Calculation report of JUSNL for the month of April-2021.

Encl: As above

Yours faithfully,

Sd/-

**(Vidya Sagar Singh)
General Manager, SLDC**

Memo No. _____ ' SLDC, Ranchi,

Dated _____

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

Sd/-

**(Vidya Sagar Singh)
General Manager, SLDC**

Memo No. 07 ' SLDC, Ranchi,

Dated 07-01-2021

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

**(Vidya Sagar Singh)
General Manager, SLDC**

DGM (IT)

P1. ensure.

12/01/2021

Sr. Manager (IT cell)

12-01-21

12/01/2021

*117
GM (ST)
11-01-2021*

*Vidya Sagar Singh
07/01/2021*

TTC/ATC calculation of JUSNL for month : April- 2021

Import TTC:

Sl. No.	Control area	TTC	RM	ATC	Limiting contingency N-1 & loading of the limiting equipment under that contingency
1.	JUSNL	1570MW	53MW	1517MW	1) 132 KV Adityapur-RKSN T/L. 2) Total load = 1884 MW 3) Total Generation = 368 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 = 280 MW	3. CPP/IPP = IPL Unit 88 MW	<table border="1" style="width: 100%; border-collapse: collapse; font-size: 8px;"> <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>30</td></tr> <tr><td>221002</td><td>ADITPUR 132.00</td><td>65</td></tr> <tr><td>221003</td><td>RAJKSWN 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>25</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>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>20</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>130</td></tr> 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