

TTC/ATC calculation of JUSNL for month : July-2020

146

Import TTC:

Sl. No.	Control area	TTC	RM	ATC	Limiting contingency N-1 & loading of the limiting equipment under that contingency
1.	JUSNL	1146MW	34 MW	1112MW	1) 132 KV S/C ADP-RKSN T/L. 2) 132 KV S/C Maithon-Jamtara T/L 3) Total load =1611 MW 4) Total Generation = 511 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)																																																																																																																																																																							
			Bus Number	Bus Name	Pload (MW)																																																																																																																																																																										
1.	TTPS unit I&II = 300 MW SHPS Hydel unit I & II = 55+ 55 = 110 MW	3. CPP/IPP = IPL Unit 101 MW	<table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <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>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>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>35</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>40</td></tr> <tr><td>221013</td><td>NOAMUNDI 132.00</td><td>25</td></tr> <tr><td>221014</td><td>LALMATIA 132.00</td><td>55</td></tr> <tr><td>221015</td><td>DEOGHAR 132.00</td><td>85</td></tr> <tr><td>221016</td><td>NAMKUM 132.00</td><td>100</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>35</td></tr> <tr><td>221020</td><td>LOHARDAGA 132.00</td><td>45</td></tr> <tr><td>221021</td><td>HATIA1 132.00</td><td>125</td></tr> <tr><td>221023</td><td>TOLRA 132.00</td><td>1</td></tr> <tr><td>221024</td><td>HEC1 132.00</td><td>15</td></tr> <tr><td>221025</td><td>LODHMA 132.00</td><td>1</td></tr> <tr><td>221027</td><td>DUMKA 132.00</td><td>55</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>15</td></tr> <tr><td>221034</td><td>DALTONGANJ 132.00</td><td>55</td></tr> <tr><td>221041</td><td>CHAIBASA NEW132.00</td><td>25</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>25</td></tr> <tr><td>221047</td><td>TATISIL RLY 132.00</td><td>4</td></tr> <tr><td>221048</td><td>BAKASPUR RLY132.00</td><td>4</td></tr> <tr><td>221049</td><td>GUMLA 132.00</td><td>25</td></tr> <tr><td>221050</td><td>RKSN RLY 132.00</td><td>3</td></tr> <tr><td>221053</td><td>CHAIBASA RUN132.00</td><td>11</td></tr> <tr><td>221054</td><td>GOILKERA RLY132.00</td><td>2</td></tr> <tr><td>221056</td><td>KENDPOSI RLY132.00</td><td>1</td></tr> <tr><td>221057</td><td>CKP RLY 132.00</td><td>1</td></tr> <tr><td>221058</td><td>DALBUMGARH 132.00</td><td>45</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>5</td></tr> <tr><td>221062</td><td>DEOGHAR RLY 132.00</td><td>5</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>20</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>10</td></tr> <tr><td>221067</td><td>MANGO 132.00</td><td>25</td></tr> <tr><td>221068</td><td>SIMDEGA 132.00</td><td>15</td></tr> <tr><td>221069</td><td>RAJMAHAL 132.00</td><td>20</td></tr> <tr><td>221070</td><td>SHREE CEMENT132.00</td><td>9</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>50</td></tr> <tr><td>221073</td><td>KARAMTOLA RL132.00</td><td>0</td></tr> <tr><td>221074</td><td>GODDA 132.00</td><td>20</td></tr> <tr> <td colspan="2" style="text-align: center;">Total</td> <td></td> <td></td> <td style="text-align: center;">1611</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Bus Number	Bus Name	Pload (MW)	221000	JAPLA 132.00	25	221002	ADITPUR 132.00	60	221003	RAJKSWN 132.00	25	221004	MANIQUE 132.00	55	221005	PATRATU 132.00	25	221008	GOELKRA 132.00	25	221010	KENDPOSI 132.00	35	221011	GOLMURI 132.00	60	221012	JADUGORA 132.00	40	221013	NOAMUNDI 132.00	25	221014	LALMATIA 132.00	55	221015	DEOGHAR 132.00	85	221016	NAMKUM 132.00	100	221017	KAMDARA 132.00	35	221018	JAMTARA 132.00	60	221019	GARWAH 132.00	35	221020	LOHARDAGA 132.00	45	221021	HATIA1 132.00	125	221023	TOLRA 132.00	1	221024	HEC1 132.00	15	221025	LODHMA 132.00	1	221027	DUMKA 132.00	55	221028	SAHEBGANJ 132.00	35	221029	CHAKRADPUR 132.00	15	221034	DALTONGANJ 132.00	55	221041	CHAIBASA NEW132.00	25	221044	KANKE 132.00	80	221046	TAMAR 132.00	25	221047	TATISIL RLY 132.00	4	221048	BAKASPUR RLY132.00	4	221049	GUMLA 132.00	25	221050	RKSN RLY 132.00	3	221053	CHAIBASA RUN132.00	11	221054	GOILKERA RLY132.00	2	221056	KENDPOSI RLY132.00	1	221057	CKP RLY 132.00	1	221058	DALBUMGARH 132.00	45	221060	MADHUPUR 132.00	25	221061	JAMTARA RLY 132.00	5	221062	DEOGHAR RLY 132.00	5	221063	PAKUR 132.00	55	221064	LATEHAR 132.00	20	221065	MANOHARPUR 132.00	15	221066	BANO RLY 132.00	10	221067	MANGO 132.00	25	221068	SIMDEGA 132.00	15	221069	RAJMAHAL 132.00	20	221070	SHREE CEMENT132.00	9	221071	KHUNTI 132.00	20	221072	GOVINDPUR 132.00	50	221073	KARAMTOLA RL132.00	0	221074	GODDA 132.00	20	Total				1611				1. 132KV MNQ – MNQ line 2. 132KV Patratu(JUSNL)-Patratu (DVC) Transmission Line	Nil	Nil
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JHARKHAND URJA SANCHARN NIGAM LIMITED

Office of the Executive Director (Operation), JUSNL

Kusai Colony, Doranda, Ranchi

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

Letter No. _____ ' Ranchi,

Dated, _____ /

From,

M.K.Karmali,
ED(Operation),
JUSNL, Ranchi

To,

Sri J. Bandyopadhaya
Member Secretary, ERPC
14, Golf Club Road, Tollygunj
Kolkata- 700033

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

Sir,

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

Encl: As above

Yours faithfully,

Sd/-

(M.K.Karmali)
ED(OP), JUSNL

Memo No. _____ ' SLDC/ULDC, Ranchi,

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

Dated _____

Sd/-

(M.K.Karmali)
ED(OP), JUSNL

Memo No. 38 ' SLDC/ULDC, Ranchi,

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

Dated

08.05.2020

(M.K.Karmali)
ED(OP), JUSNL

21
GM(IT)
11-05-2020

ED(OP)

For uploading the report on
JUSNL website, the report has
not been submitted to this office.
Kindly Sr.
12/05/2020