Issue Date: 29th October 2018

Issue Time: 1230 hrs

Revision No. 17

Corridor	Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Long Term Access (LTA)/ Medium Term Open Access (MTOA) #	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments
		00-06				195	1805		
NR-WR*	1st October 2018 to 31st October 2018	06-18	2500	500	2000	250	1750		
		18-24				195	1805		
	1st October 2018 to 5th October 2018	00-24	12250 11300**	500	11750 10800**	9085 8135**	2665 2665**		
WR-NR*	6th October 2018 to 31st October 2018	00-24	12250 11775**	500	11750 11275**	8610 8135**	3140 3140**		
	1st Ostahar 2018 ta	00-06	2000		1800	193	1607		
NR-ER*	1st October 2018 to 31st October 2018	06-18	2000	200	1800	303	1497		
ER-NR*	1st October 2018 to 31st October 2018	18-24 00-24	2000 5250	300	1800 4950	193 3867	1607 1083		
W3-ER	1st October 2018 to 31st October 2018	00-24				No limit	is being specified.		
ER-W3	1st October 2018 to 31st October 2018	00-24				No limit	is being specified.		
		00-05	5150		4650		115		
	1st October 2018 to 11th October 2018	05-22	5150	500	4650	4535	115		
	Thi October 2018	22-24	5150		4650		115		
		00-05	7500		6750		2215		
	12th October 2018	05-22	7500	750	6750	4535	2215		
		22-24	7500		6750		2215		
		00-05	6000		5500		965		
	13th October 2018	05-22	6000	500	5500	4535	965		
		22-24	6000		5500		965		
		00-05	6000		5500		965		
	14th October 2018	05-22	6000	500	5500	4535	965		
		22-24	6000		5500		965		
	15th October 2018 to	00-05	6000		5500		965		
WR-SR	17th October 2018	05-22	6000	500	5500	4535	965		
		22-24	6000		5500		965		
	18th October 2018 to	00-05	6000	500	5500	4525	965		
	20th October 2018	05-22	6000	500	5500	4535	965		
		22-24 00-05	6000 5150		5500		965		
	21st October 2018 to		5150 5150	500	4650 4650	4535	115 115		
	31st October 2018	22-24	5150		4650	4555	115		
		00-05	5150		4650		115		
	22nd October 2018	05-22	5150	500	4650	4535	115		
	to 26th October 2018	22-24	5150		4650		115		
		00-05	5150		4650		115		
		05-930	5150		4650		115		
	27th October 2018	930-22	4900	500	4400	4535	0		
		22-24	4900		4400		0		

Issue Time: 1230 hrs

Revision No. 17

Corridor	Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Long Term Access (LTA)/ Medium Term Open Access (MTOA) #	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments
		00-05	5150		4650		115		
	201 0 1 2010	05-930	5150	500	4650	1.505	115		1
	28th October 2018	930-22	5150	500	4650	4535	115		1
		22-24	5150		4650		115		1
		00-05	5150		4650		115		
	29th October 2018	05-22	5150	500	4650	4535	115		1
WR-SR		22-24	5150		4650		115		1
		00-630	5150		4650		115		
	30th October 2018	630-22	4450	500	3950	4535	0		Revised due to Shutdown of 765kV
		22-24	4450		3950		0	-700	Nizamabad-Wardha-1 line.
		00-05	5150		4650		115		
	31st October 2018	05-22	5150	500	4650	4535	115		4
	5150 000000 2010	22-24	5150	500	4650	+555	115		-
		22-24	5150		4050		115		
SR-WR *	1st October 2018 to 31st October 2018	00-24				No limit	is being Specified		
		00-06				2762	1338		
ER-SR	1st October 2018 to	06-18	4350	250	4100	2847	1253	1	
	04th October 2018	18-24				2762	1338	-	
		00-06	4350		4100	2762	1338		
	5th October 2018 to	06-830	4350	250	4100	2847	1253]
	8th October 2018	830-18	4050	250	3800	2847	953]
		18-24	4050		3800	2762	1038		
	9th October 2018 to	00-06		250		2762	1338	4	
	11th October 2018	06-18	4350	250	4100	2847	1253	-	
		18-24				2762	1338		
	12th October 2018	00-06	0	250	0	2762 2847	0	-	
		18-24				2762	0		
		00-06				2762	0	_	
	13th October 2018	06-18	500	250	250	2847	0		
		18-24				2762	0		
		00-06				2762	0		
	14th October 2018	06-18	500	250	250	2847 2762	0	-	
ER-SR		00-06				2762	0		
LK-SK	15th October 2018 to	06-18	500	250	250	2847	0	-	
	17th October 2018	18-24	500	250	250	2762	0	-	
		00-06	500		250	2762	0		
		06-12	500		250	2847	0		
	18th October 2018	12-18		250	22	2847	0		
		18-24	2500		2250	2762	0		
-	19th October 2018 to	00-06				2762	0		
	20th October 2018 to	06-18	2500	250	2250	2847	0		
		18-24				2762	0		
		00-06				2762	1338	-	
	21st October 2018	06-18	4350	250	4100	2847	1253	-	
		18-24				2762	1338		
	22nd October2018	00-06				2762	1338	-	
	to 27th October 2018	06-18	4350	250	4100	2847	1253	-	
	27th October 2018	18-24				2762	1338		

Issue Date	: 29th October 2018	8	Issu	e Time: 123	0 hrs		Re	evision No.	17
Corridor	Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Long Term Access (LTA)/ Medium Term Open Access (MTOA) #	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments
		00-05'	4350		4100	2762	1338		
	28th October2018	05-06'	2350	1	2100	2762	0		
	to 29th October 2018	06-18	2350	250	2100	2847	0		
ER-SR	2911 October 2018	18-24	2350	1	2100	2762	0		
211 211		00-06	2000		2100	2762	1338		
	30th October2018		4250	250	4100			-	
	to 31st October 2018	06-18	4350	250	4100	2847	1253	-	
		18-24				2762	1338		
SR-ER *	1st October 2018 to 31st October 2018	00-24				No limit	is being Specified		
		00-17	1250		1205		980		
	1st October 2018 to	17-23	1160	45	1115	225	890	-	
		23-24	1250		1205		980		
		00-09'	1250	45	1205	225	980		
ER-NER		09-17'	1030		985		760		
		17-23	930		885	-	660		
		23-24 00-17	1030 1250		<u>985</u> 1205		760 980		
	5th October 2018 to	17-23	1160		1115	225	890	-	
	09th October 2018	23-24	1250		1205		980	-	
		00-08	1250		1205		980		
	10th October 2018	08-17	980	- 45	935	225	710	-	
		17-23	890	-	845		620	-	
		23-24 00-17	980 1250		935 1205		710 980		
	11th October 2018 to	17-23	1160	45	1115	225	890	-	
	21st October 2018	23-24	1250		1205		980	-	
ER-NER		00-08	1250		1205		980		
	22nd October 2018	08-17	980	- 45	935	225	710	4	
	22110 000000 2010	17-23	890	-	845		620	-	
		23-24 00-17	980 1250		935 1205		710 980		
	23rd October 2018 to	17-23	1250	45	1205	225	<u>980</u> 890		
	23rd October 2018 to 31st October 2018 1st October 2018 to 03rd October 2018 4th October 2018	23-24	1250		1205	223	980		
		00-17	1750		1705		1705		
		17-23	1890	45	1845	0	1845		
		23-24	1750	45	1705		1705		
		00-09'	1750		1705		1705		
		09-17'	1370	15	1325	0	1325		
		17-23	1480	45	1435	0	1435		
		23-24	1370		1325		1325		
4		00-17	1750		1705		1705		

	5th October 2018 to	00 17	1750		1705		1705		
	09th October 2018	17-23	1890	45	1845	0	1845		
	09111 OC10001 2018	23-24	1750		1705		1705		
		00-08	1750		1705		1705		
NER-ER	10th October 2018	08-17	1410	45	1365	0	1365		
		17-23	1470		1425	0	1425		
		23-24	1410		1365		1365		
	11th October 2018 to	00-17	1750		1705		1705		
	21st October 2018	17-23	1890	45	1845	0	1845		
	21st October 2018	23-24	1750		1705		1705		
		00-08	1750		1705		1705		
	22nd October 2018	08-17	1410	45	1365	0	1365		
	22110 October 2018	17-23	1470		1425		1425		
		23-24	1410		1365		1365		
	23rd October 2018 to	00-17	1750		1705		1705		
	31st October 2018 to	17-23	1890	45	1845	0	1845		
	5181 October 2018	23-24	1750		1705		1705		
W3 zone Injection		00-24	No limit is bei	ing specified	(In case ofany	constraints appear	ring in the system,	W3 zone ex	port would be revised accordingly)

1705

1705

1750

00-17

Issue Date:	: 29th October 201	8	Issue	e Time: 123	0 hrs	Revision No. 17					
Corridor	Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Long Term Access (LTA)/ Medium Term Open Access (MTOA) #	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments		
Note: TTC/ATC of S1-(S2&S3) corridor, Import of S3(Kerala), Import of Punjab and Import of DD & DNH is uploaded on NLDC website under Intra-Regional Section in Monthly ATC.											

* Fifty Percent (50 %) Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for advanced transactions (Bilateral & First Come First Serve).

**Considering 400 kV Rihand stage-III - Vindhyachal PS D/C line as inter-regional line for the purpose of scheduling, metering and accounting and 950 MW ex-bus generation in Rihand stage-III. Rihand Stage-III generation is considered as NR regional entity.

Considering outage of Rihand-III unit 1 due to AMP work, ex-bus generation is being taken as 475 MW from 6th Oct'18 till 31st Oct'18.

1) S1 comprises of Telangana, AP and Karnataka; S2 comprises of Tamil Nadu and Puducherry; S3 comprises Kerala

2) W3 comprises of the following regional entities :

a) Chattisgarh Sell transaction, b) Jindal Power Limited (JPL) Stage-I & Stage-II, c) Jindal Steel and Power Limited (JSPL), d) ACBL, e) LANCO Amarkantak

f) BALCO, g) Sterlite (#1,3,4), h) NSPCL, i) Korba, j) Sipat, k) KSK Mahanadi, L)DB Power, m) KWPCL, n)Vandana Vidyut o)RKM, p)GMR Raikheda, q)Ind Barath and any other regional entity generator in Chhattisgarh

The figure is based on LTA/MTOA approved by CTU and Allocation figures as per RPCs RTA/REA. In actual Operation, due to Units being on Maintenance/ Fuel shortage/New units being commissionned the LTA/MTOA utilized would vary. RLDC/NLDC would factor this situation on day-ahead basis. In the eventuality that net schedules exceed ATC, real time curtailments might be effected by RLDCs/NLDC.

In case of TTC Revision due to any shutdown :

1) The TTC value will be revised to normal values after restoration of shutdown.

2) The TTC value will be revised to normal values if the shutdown is not being availed in real time.

Simultaneous Import Capability

Corrido r	Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Long Term Access (LTA)/ Medium Term Open Access (MTOA)	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments
ER									
		00-05	16350		15550		2598		
		00-03	15400**		14600**		2598**		
	1st October 2018 to 5th	05-18	17500	800	16700	12952	3748		
	October 2018		16550**		15750**	12002**	3748**		
		18-24	16350		15550		2598		
NR			15400**		14600**		2598**		
		00-05	16350		15550		3073		
			15875**		15075**		3073**		
	6th October 2018 to 31st	05-18	17500	800	16700	12477	4223		
	October 2018		17025**	*	16225**	12002**	4223**		
		18-24	16350		15550		3073		
		10-24	15875**		15075**		3073**		
	1st October	00-17	1250		1205		980		
	2018 to 3rd	17-23	1160	45	1115	225	890		
	October 2018	23-24 00-09'	1250		1205 1205		980 980		
	4th October	00-09	1250 1030		985		<u>980</u> 760		
	2018	17-23	930	45	985 885	225	660		
		23-24	1030		985		760		
	5th October	00-17	1250		1205		980		
	2018 to 09th	17-23	1160	45	1115	225	890		
	October 2018	23-24	1250		1205		980		
	10th Ostober	00-08	1250		1205		980		
NER	10th October 2018	08-17 17-23	980 890	45	935 845	225	710 620		
	2010	23-24	980		935		710		
	11th October	00-17	1250		1205		980		
	2018 to 21st	17-23	1160	45	1115	225	890		
	October 2018	23-24	1250		1205		980		
		00-08	1250		1205		980		
	22nd October	08-17	980	45	935	225	710	-	
	2018	17-23	890		845		620		
	23rd October	23-24	980 1250		935 1205		710 980		
		00-17 1250 17-23 1160	45	1115	225	890			
		23-24	1250		1205	_	980		
WR									
 		00-05	9500		8750	7298	1452		
	1st October 2018 to 4th	05-06	9500		8750	7298	1452		
SR		06-18	9500	750	8750	7383	1367		
~~~	October 2018	18-22	9500		8750	7303	1452		
		22-24	9500		8750	7298	1452		

		00.07			0				[]
		00-05	9500		8750	7298	1452		
	5th October	05-06	9500		8750	7298	1452		
	2018 to 8th	06-830	9500	750	8750	7383	1367		
	October 2018	830-18	9200		8450	7383	1067		
		18-22	9200		8450	7298	1152		
		22-24	9200		8450	7298	1152		
		00-05	9500		8750	7298	1452		
	9th October	05-06	9500		8750	7298	1452		
	2018 to 11th	06-18	9500	750	8750	7383	1367		
	October 2018	18-22	9500		8750	7298	1452		
		22-24	9500		8750	7298	1452		
		00-05	7500		6750	7298	0		
	12th October	05-06	7500	750	6750	7298	0		
	2018	06-18 18-22	7500 7500	750	6750 6750	7383 7298	0		
		22-24	7500		6750	7298	0		
		00-05	6500		5750	7298	0		
		05-06	6500		5750	7298	0		
		06-18	6500		5750	7383	0		
	13th October 2018			750					
	2018	18-22	6500		5750	7298	0		
		22-24	6500		5750	7298	0		
	14th October 2018	00-05	6500	750	5750	7298	0		
		05-06	6500		5750	7298	0		
SR		06-18	6500		5750	7383	0		
		18-22	6500		5750	7298	0		
		22-24	6500		5750	7298	0		
		00-05	6500		5750	7298	0		
	15th October 2018	05-06	6500		5750	7298	0		
	to	06-18	6500	750	5750	7383	0		
	17th October 2018	18-22	6500		5750	7298	0		
		22-24	6500		5750	7298	0		
		00-06	6500		5750	7298	0		
	18th October 2018	06-12	6500	750	5750	7383	0		
	2010	12-18	8500	150	7750	7383	367		
		18-24	8500		7750	7298	452		
	19th October 2018	00-06	8500		7750	7298	452		
	to	06-18	8500	750	7750	7383	367		
	20th October 2018	18-24	8500		7750	7298	452		
		00-05	9500		8750	7298	1452		
		05-06	9500		8750	7298	1452		
	21 st October	06-18	9500	750	8750	7383	1367		
	2018	18-22	9500	750	8750	7298	1452	-	
	22-24	9500		8750	7298	1452	4		
	'	2200		0.00	, _ > 0	1.02		l	

SR              22nd October 2018 to 2018 to 2010 to 2018 to			-							
2018 to 26th October         00-05         9500         750         72.93         1452         1602           2018 to 2018         18-22         9500         8750         7298         1452         1602           2018 to 2018         18-22         9500         8750         7298         1452         1602           2018 to 2018         00-05         9500         8750         7298         1452         1602           27th October 2018         05-06         9500         8750         7298         1452         1602           18-22         9250         8750         7298         1452         1602         1602           28th October 2018         05-06         9500         8750         7298         1452         1602           300 H October 2018         05-06         7500         6750         7298         1452         1602           300 H October 2018         18-22         7500         6750         7298         1452         1602           30th October 2018         05-63         9500         7500         6750         7298         1452         16750           30th October 2018         05-530         9500         750         8750         7298         1452 <td></td> <td></td> <td>00-05</td> <td>9500</td> <td></td> <td>8750</td> <td>7298</td> <td>1452</td> <td></td> <td></td>			00-05	9500		8750	7298	1452		
26th October 2018         06-18         9500         750         7298         1452           22-24         9500         8750         7298         1452            0-05         9500         8750         7298         1452            0-05         9500         9500         8750         7298         1452            0-05         9500         9500         750         8750         7298         1452            27th October 2018         06-06         9500         750         750         7298         1452            8500         7383         1367          8750         7298         1452            2018         9250         8750         7298         1202              18-22         9250         8500         7298         1202              28th October 2018 and 29th October 2018         930-18         7500         6750         7298         0            6750         7298         0           6750         7298         0            30th October 2018         05-63			05-06	9500		8750	7298	1452		
2018         18-22         9500         8750         7298         1452           22.24         9500         8750         7298         1452         9500           27th October         00-05         9500         8750         7298         1452         9500           27th October         06-930         9500         8750         7298         1452         9500           930-18         9250         930-18         9250         8500         7383         1107         9500           18-22         9250         22-24         9250         8500         7298         1202         9500           18-22         9250         9500         7500         7383         0         9500           2018         00-05         9500         6750         7298         1452         9500           05-06         7500         6750         7298         0         9500         9500         6750         7298         0         9500           2018         18-22         7500         1452         9500         6750         7298         0         9500         9500         9500         6750         7298         0         9500         9500         9500			06-18	9500	750	8750	7383	1367		
NR         00-05         9500         8750         7298         1452         1           27th October         06-930         9500         9500         8750         7298         1452         1           2018         930-18         9250         8750         7383         1367         1           18-22         9250         8750         7298         1202         1         1           22-24         9250         8750         7298         1202         1         1           22-24         9250         8750         7298         1202         1         1           380         0.005         9500         8750         7298         1452         1           28th October         05-06         7500         6750         7298         0         1           301h October         18-22         7500         6750         7298         0         1           30th October         06-63         9500         8750         7298         1452         1           30th October         06-630         9500         750         8750         7298         1452         1           30th October         06-630         9500 <t< td=""><td></td><td></td><td>18-22</td><td>9500</td><td></td><td>8750</td><td>7298</td><td>1452</td><td></td><td></td></t<>			18-22	9500		8750	7298	1452		
SR         05-06         9500         750         7298         1452         1           27th October 2018         930-18         9250         750         7383         1367         1           18-22         9250         22-24         9250         8500         7298         1202         1           22:24         9250         22-24         9250         8500         7298         1202         1           28th October 2018 and 29th October 2018         00-05         9500         8750         7298         1452         1           30th October 2018         05-06         7500         7500         6750         7383         0         1           30th October 2018         00-05         9500         6750         7298         0         1           30th October 2018         18-22         7500         750         6750         7298         0         1           30th October 2018         630-18         8800         750         8750         7298         1452         1           30th October 2018         06-630         9500         750         8750         7298         1452         1           30th October 2018         06-630         9500 <t< td=""><td></td><td></td><td>22-24</td><td>9500</td><td></td><td>8750</td><td>7298</td><td>1452</td><td></td><td></td></t<>			22-24	9500		8750	7298	1452		
27th October 2018         06-930         9500         750         8750         7383         1367         1           18-22         9250         18-92         9250         8500         7298         1202         1           2018         00-05         9500         8500         7298         1202         1           22-24         9250         8500         7298         1202         1           2018         00-05         9500         8750         7298         1452         1           2018         05-06         7500         6750         7298         0         1           30th October 2018         18-22         7500         6750         7298         0         1           30th October 2018         00-05         9500         8750         7298         1452         1           30th October 2018         00-05			00-05	9500		8750	7298	1452		
$ \mathbf{SR} = \begin{bmatrix} 2018 \\ 2018 \\ 2018 \\ 2018 \\ 2018 \\ 2018 \\ 2018 \\ 20224 \\ 20250 \\ 2224 \\ 9250 \\ 2224 \\ 9250 \\ 2224 \\ 9250 \\ 2224 \\ 9250 \\ 2224 \\ 9250 \\ 2224 \\ 9250 \\ 2224 \\ 9250 \\ 2224 \\ 9250 \\ 2224 \\ 9250 \\ 2224 \\ 9250 \\ 2224 \\ 9250 \\ 2224 \\ 9250 \\ 2224 \\ 9250 \\ 2500 \\ 06-930 \\ 7500 \\ 930.18 \\ 7500 \\ 930.18 \\ 7500 \\ 18-22 \\ 7500 \\ 2018 \\ 18-22 \\ 2018 \\ 20-5 \\ 9500 \\ 06-630 \\ 9500 \\ 06-630 \\ 9500 \\ 06-630 \\ 9500 \\ 06-630 \\ 9500 \\ 06-630 \\ 9500 \\ 06-630 \\ 9500 \\ 18-22 \\ 800 \\ 22-24 \\ 800 \\ 18-22 \\ 800 \\ 22-24 \\ 800 \\ 18-22 \\ 800 \\ 22-24 \\ 800 \\ 18-22 \\ 800 \\ 22-24 \\ 800 \\ 22-24 \\ 800 \\ 8050 \\ 7298 \\ 1452 \\ 8750 \\ 7298 \\ 1452 \\ 8750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 7298 \\ 750 \\ 720 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 750 \\ 7$			05-06	9500		8750	7298	1452		
$\mathbf{SR} = \begin{bmatrix} 2018 & 930.18 & 9250 \\ 18.22 & 9250 \\ 22.24 & 9250 \\ 22.24 & 9250 \\ \hline 18.22 & 9250 \\ 22.24 & 9250 \\ \hline 18.22 & 9250 \\ \hline 22.24 & 9250 \\ \hline 06.930 & 7500 \\ 930.18 & 7500 \\ 930.18 & 7500 \\ 18.22 & 7500 \\ \hline 18.22 & 8800 \\ \hline 18.20 & 8750 & 7298 \\ \hline 18.20 & -700 \\ \hline 18.20 & 8750 & 7298 \\ \hline 18.20 & -700 \\ \hline 18.20 & 8750 & 7298 \\ \hline 18.20 & -700 \\ \hline 18.20 & -7$		27th October	06-930	9500	750	8750	7383	1367		
SR         22-24         9250         8500         7298         1202         Image: Constraint of the system of the syste		2018	930-18	9250	/50	8500	7383	1117		
SR         00-05         9500 05-06         7500 7500         8750         7298         1452         1452           28th October 2018 and 29th October 2018         06-930         7500         6750         7383         0         1           30th October 2018         18-22         7500         6750         7298         0         1           30th October 2018         18-22         7500         6750         7298         0         1           30th October 2018         00-05         9500         6750         7298         1452         1           30th October 2018         00-05         9500         8750         7298         1452         1           8750         7298         1452         1         1         1         1           30th October 2018         630-18         8800         750         8750         7298         1452         1           8050         7298         752         -700         Nizamabad-Wardha-1 line.         1           18-22         8800         8850         7298         1452         1           31st October         05-06         9500         750         8750         7298         1452         1           3			18-22	9250		8500	7298	1202		
SR         05-06         7500         7298         0         0           28th October 2018 and 29th October 2018         930-18         7500         7500         6750         7383         0         0           30th October 2018         18-22         7500         6750         7298         0         0           30th October 2018         00-05         9500         6750         7298         0         0           30th October 2018         00-05         9500         8750         7298         1452         0           30th October 2018         05-630         9500         8750         7383         1367         700           18-22         8800         22-24         8800         8050         7298         752         -700           30th October 2018         00-05         9500         8750         7298         752         -700           18-22         8800         22-24         8800         8050         7298         752         -700           31st October         05-06         9500         8750         7298         1452         -           31st October         05-06         9500         8750         7298         1452         -      <			22-24	9250		8500	7298	1202		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			00-05	9500		8750	7298	1452		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$	SR 2018 a 29th Oc		05-06	7500	750	6750	7298	0		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$		2018 and 29th October	06-930	7500		6750	7383	0		
$ \begin{array}{ c c c c c c c c c } \hline 2018 & 18-22 & 7500 & 6750 & 7298 & 0 & & \\ \hline 22-24 & 7500 & 6750 & 7298 & 0 & & \\ \hline 22-24 & 7500 & 6750 & 7298 & 1452 & & \\ \hline 00-05 & 9500 & & & & & \\ \hline 05-630 & 9500 & & & & & & \\ \hline 05-630 & 9500 & & & & & & & \\ \hline 06-630 & 9500 & & & & & & & & \\ \hline 06-630 & 9500 & & & & & & & & & \\ \hline 06-630 & 9500 & & & & & & & & & \\ \hline 630-18 & 8800 & & & & & & & & & \\ \hline 630-18 & 8800 & & & & & & & & & & \\ \hline 630-18 & 8800 & & & & & & & & & & & \\ \hline 630-18 & 8800 & & & & & & & & & & & & \\ \hline 630-18 & 8800 & & & & & & & & & & & & & & \\ \hline 630-18 & 8800 & & & & & & & & & & & & & & & &$			930-18	7500		6750	7383	0		
30th October 2018         00-05         9500         8750         7298         1452         August for the state of the sta			18-22	7500		6750	7298	0		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			22-24	7500		6750	7298	0		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			00-05	9500		8750	7298	1452		
$\begin{array}{ c c c c c c c c c c c c c c c c c c c$			05-630	9500		8750	7298	1452		
$ \begin{array}{ c c c c c c c c c c c c c c c c c c c$			06-630	9500	750	8750	7383	1367		
18-22       8800       8050       7298       752       -700       Nizamabad-Wardha-1 line.         22-24       8800       8050       7298       752       -700       Nizamabad-Wardha-1 line.         00-05       9500       8750       7298       1452       -         31st October       06-18       9500       750       8750       7383       1367		2018	630-18	8800	/50	8050	7383	667		Revised due to Shutdown of 765kV
00-05         9500         8750         7298         1452           31st October         05-06         9500         8750         7298         1452           06-18         9500         750         8750         7383         1367			18-22	8800		8050	7298	752	-700	
31st October         05-06         9500         8750         7298         1452           31st October         06-18         9500         750         8750         7383         1367			22-24	8800		8050	7298	752		
31st October 06-18 9500 750 8750 7383 1367			00-05	9500		8750	7298	1452		
			05-06	9500	750	8750	7298	1452		1
		31st October 2018	06-18	9500		8750	7383	1367		1
2013         18-22         9500         8750         7298         1452		2010	18-22	9500		8750	7298	1452		1
22-24 9500 8750 7298 1452			22-24	9500		8750	7298	1452		1

* Fifty Percent (50 % ) Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for advanced transactions (Bilateral & First Come First Serve).

**Considering 400 kV Rihand stage-III - Vindhyachal PS D/C line as inter-regional line for the purpose of scheduling, metering and accounting and 950 MW ex-bus generation in Rihand stage-III. Rihand Stage-III generation is considered as NR regional entity.

Considering outage of Rihand-III unit 1 due to AMP work, ex-bus generation is being taken as 475 MW from 6th Oct'18 till 31st Oct'18.

* For approving STOA Bilateral transactions, margin available in Simultaneous Import of NR would be apportioned on WR-NR Corridor & ER-NR Corridor in the following ratio:

Margin in Simultaneous import of NR = A WR-NR ATC =B ER-NR ATC = C

Margin for WR-NR applicants = A * B/(B+C)Margin for ER-NR Applicants = A * C/(B+C)

#### Simultaneous Export Capability

Corridor	Date	Time Period (hrs)	Total Transfer Capability (TTC)	Reliability Margin	Available Transfer Capability (ATC)	Long Term Access (LTA)/ Medium Term Open Access (MTOA)	Margin Available for Short Term Open Access (STOA)	Changes in TTC w.r.t. Last Revision	Comments					
	1-4 O-4-h-m	00-06	4500		3800	388	3412							
NR*	1st October 2018 to 31st October 2018	06-18	1500	700	3800	553	3247							
		18-24	4500		3800	388	3412							
	1st October	00-17	1750											
	2018 to 3rd	17-23	1890											
	October 2018	23-24	1750											
[		00-09'	1750											
	4th October	09-17'	1370	45	1325	0	1325							
	2018	17-23	1480		1435		1435							
		23-24	1370		1325		1325							
	5th October	00-17	1750		1705	0	1705							
	2018 to 09th	17-23	1890	45	1845		1845							
	October 2018	23-24	1750		1705		1705							
		00-08	1750		1705		1705							
NER	10th October	08-17	1410	45	1365	0	1365							
	2018	17-23	1470	45	1425	0	1425							
		23-24	1410		1365		1365							
	11th October	00-17	1750		1705		1705							
	2018 to 21st	17-23	1890	45	1845	0	1845							
	October 2018	23-24	1750		1705		1705							
	•• • • •	00-08	1750		1705		1705							
	22nd October	08-17	1410	45	1365	0	1365							
	2018	17-23	1470	-	1425	-	1425							
	<b>22</b> 1 0 1	23-24 00-17	1410 1750		1365 1705		1365 1705							
	23rd October													
	2018 to 31st	17-23	1890											
	October 2018	23-24	1750		1705		1705							
WR														
SR *	1st October 2018 to 31st October 2018	00-24	No limit is being Specified.											

* Fifty Percent (50 %) Counter flow benefit on account of LTA/MTOA transactions in the reverse direction would be considered for advanced transactions (Bilateral & First Come First Serve).

### Limiting Constraints (Corridor wise)

		Applicable Revisions
Corridor	Constraint	
NR-WR	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak	Rev-0 to 17
WR-NR	(n-1) Contingnecy of 765kV Aligarh-Jhatikara leads to 2500 MW loading on 765kV Aligarh-Greater Noida.	Rev- 0 to 17
VV K-INK	Frequent tripping of HVDC Champa - Kurukshetra poles	Rev-0 to 17
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	Rev-0 to 17
ER-NR	<ol> <li>N-1 contingencies of 400 kv Mejia-Maithon A S/c</li> <li>N-1 contingencies of 400 kv Kahalgaon-Banka S/c</li> </ol>	Rev-0 to 17
	3. N-1 contingencies of 400kV MPL- Maithon S/C	
WR-SR and ER-	n-1 contingency of 2x315 MVA,400/220 kV ICTs at Mardam will lead to overloading of the second ICT	Rev-2 to 6, 13,15-17
SR	Low Voltage at Gazuwaka (East) Bus.	Rev-0 to 17
	1. (N-1) contingency of 765kV one ICT at Maheswaram will lead to 1500 MW loading of Other ICT.2.Simultaneous outage of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT Maheshwaram may lead to transient angular instatbility2.	Rev-7-12
ER-NER	<ul> <li>a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa</li> <li>b. High loading of 220 kV Balipara-Sonabil line(200 MW)</li> </ul>	Rev-0 to 17
	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa	Rev-0 to 17
W3 zone Injection		Rev-0 to 17

### Limiting Constraints (Simultaneous)

			Applicable Revisions
	Import	<ol> <li>N-1 contingencies of 400 kv Mejia-Maithon A S/c</li> <li>N-1 contingencies of 400 kv Kahalgaon-Banka S/c</li> <li>N-1 contingencies of 400kV MPL- Maithon S/c</li> </ol>	Rev-0 to 17
NR	Import	(n-1) Contingences of 765kV Aligarh-Jhatikara leads to 2500 MW loading on 765kV Aligarh-Greater Noida. Frequent tripping of HVDC Champa - Kurukshetra poles	Rev-0 to 17 Rev-0 to 17
	Export	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak. (n-1) contingency of 400 kV Saranath-Pusauli	Rev-0 to 17
NER	Import	a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa b. High loading of 220 kV Balipara-Sonabil line(200 MW)	Rev-0 to 17
	Export	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa	Rev-0 to 17
	Import	<ol> <li>(N-1) contingency of 765kV one ICT at Maheswaram will lead to 1500 MW loading of Other ICT.</li> <li>Simultaneous outage of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT Maheshwaram may lead to transient angular instability</li> </ol>	Rev-7-12
SR	Import	n-1 contingency of 2x315 MVA,400/220 kV ICTs at Mardam will lead to overloading of the second ICT	Rev- 2 to 6, 13,15-17
	mport	Low Voltage at Gazuwaka (East) Bus.	Rev-0 to 17

Revision No	Date of Revision	Period of Revision	Reason for Revision/Comment	Corridor Affected	
1	1st August 2018	Whole Month	Revised STOA margins due to: (a) 40 MW allocation to MP from NR ISGS (b) 100 MW allocation to Chattisgarh from Kishanganga NR	NR-WR/Export of NR	
			18 Whole Month Revised STOA margin due to change in LTA/MTOA		WR-NR/ER-NR/Import of NR
			Revised STOA margins due to revocation of 500 MW LTA from Ind-bharat	ER-SR/Import of SR	
2	27th September	Whole Month	Revised STOA margin due to change in LTA/MTOA	WR-NR/Import/Export of NR	
			Revised due to change in load generation balance and network conditions and change in pattern of inter-regional flow towards NR	WR-NR/Import of NR	
3	02nd October 2018	04th October 2018	Revised due to shutdown of 400 kV Bongaigaon -Byrnihat Line	ER-NER/NER-ER/NER Export/Import	
4	03rd October 2018	05th October 2018 to 08th October 2018	Revised due to shutdown of 400kV Jeypore-Gazuwaka-II and I (two days each) on daily basis	ER-SR/Import of SR	
5	5th October 2018	06th October 2018 to 31st October 2018	Revised STOA margin due to outage of Rihand-III #1 on account of AMP work	WR-NR/Import of NR	
6	9th October 2018	10th October 2018	Revised due to Shutdown of 400 kV Bongaigaon -Azara Line.	ER-NER/NER-ER/NER Export/Import	
_	11th October 2018	12th October	Revised due to tripping of HVDC Talcher-Kolar & 765kV D/C Angul-Srikakulam lines due to vulnerable cyclonic condition in South Odisha network.	ER-SR/Import of SR	
7			Revised as Power Re-route via WR-SR corridor due to change in limiting constarint in view of ER-SR corridor trippings.	WR-SR/Import of SR	
8	12th October 2018	th October 2018 2018 2018	Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI. Further, considering transient angular stablility during contingency of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT at Maheshwaram	WR-SR/Import of SR	
			Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI.	ER-SR/Import of SR	
9	13th October 2018	h October 2018 14th October 2018	Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI. Further, considering transient angular stablility during contingency of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT at Maheshwaram	WR-SR/Import of SR	
			Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI.	ER-SR/Import of SR	

10	14th October 2018	15th October 2018 to 17th October 2018	Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI. Further, considering transient angular stablility during contingency of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT at Maheshwaram	WR-SR/Import of SR
			Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI.	ER-SR/Import of SR
11	17th October 2018	18th October 2018 to 21st October 2018	Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI. Further, considering transient angular stablility during contingency of one ckt of 765kV Wardha-Nizamabad and One 765kV ICT at Maheshwaram	WR-SR/Import of SR
			Revised due to forced outage of HVDC Talcher-Kolar Bipole & complete outage of Srikakulam substation due to cyclone TITLI.	ER-SR/Import of SR
12	18th October	18th October 2018 to 21st October 2018	Revised due to restoration of HVDC Talcher-Kolar Bipole	ER-SR/Import of SR
13	20th October	21st October 2018	Revised due to Revival of 765kV Angul Srikakulam D/C after Titli Cyclone.	ER-SR/Import of SR
14	21st October 2018	22nd October 2018	Revised due to Shutdown of 400 kV Bongaigaon -Azara Line.	ER-NER/NER-ER/NER Export/Import
15	26th October 2018	27th October 2018	Revised due to shutdown of 765kV Nizamabad-Maheshwaram-1 and 2 respectively	WR-SR/Import of SR
16	26th October 2018	28th October 2018 and 29th October 2018	Revised Due to shutdown of HVDC Talcher-Kolar Bipole for normalisation at normal tower from ERS tower	ER-SR/Import of SR
17	29th October 2018	30th October 2018	Revised due to shutdown of 765kV Nizamabad-Wardha-1	WR-SR/Import of SR

ASSUN	IPTIONS IN BASECASE				
				Month : October'18	
S.No.	Name of State/Area	Load		Generation	
		Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)
I	NORTHERN REGION				
1	Punjab	10474	9326	5458	5426
2	Haryana	8627	7492	2765	2445
3	Rajasthan	9370	9169	5305	5784
4	Delhi	5806	5589	1075	1099
5	Uttar Pradesh	15893	14651	9512	9412
6	Uttarakhand	2117	1848	1083	1145
7	Himachal Pradesh	1503	1203	1107	883
8	Jammu & Kashmir	2799	1692	1514	785
9	Chandigarh	344	220	0	0
10	ISGS/IPPs	24	24	20279	15055
	Total NR	56958	51211	48099	42035
Ш	EASTERN REGION				
1	Bihar	4087	2852	310	200
2	Jharkhand	1171	873	364	225
3	Damodar Valley Corporation	2925	2668	5264	4225
4	Orissa	4009	3194	2539	2192
5	West Bengal	8603	5717	5360	4272
6	Sikkim	84	84	0	0
7	Bhutan	212	218	1592	1526
8	ISGS/IPPs	265	259	11202	8824
	Total ER	21357	15866	26631	21464
	WESTERN REGION				
1	Maharashtra	16834	13516	11885	9571
2	Gujarat	14542	13186	7379	7074
3	Madhya Pradesh	9729	7523	4011	3862
4	Chattisgarh	4171	3477	2999	2383
5	Daman and Diu	333	295	0	0
6	Dadra and Nagar Haveli	804	728	0	0
7	Goa-WR	516	373	0	0
8	ISGS/IPPs	4170	3476	39160	31931
	Total WR	51098	42575	65434	54821

S.No.	Name of State/Area	Load		Generation	
		Peak Load (MW)	Off Peak Load (MW)	Peak (MW)	Off Peak (MW)
IV	SOUTHERN REGION				
1	Andhra Pradesh	8103	6984	5903	3947
2	Telangana	8305	8102	4447	4177
3	Karnataka	9352	5764	6477	4630
4	Tamil Nadu	14096	12115	8411	7493
5	Kerala	3673	2434	1564	283
6	Pondy	373	371	0	0
7	Goa-SR	84	84	0	0
8	ISGS/IPPs	0	0	11055	9542
	Total SR	43986	35853	37857	30072
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	123	74	0	0
2	Assam	1318	1292	307	196
3	Manipur	171	95	0	0
4	Meghalaya	267	194	313	214
5	Mizoram	99	68	8	8
6	Nagaland	129	78	22	12
7	Tripura	205	117	61	59
8	ISGS/IPPs	159	131	1963	1784
	Total NER	2471	2049	2674	2273
	Total All India	176311	147947	182392	152286