

National Load Despatch Centre
Total Transfer Capability for April 2019

Issue Date: 14th April 2019

Issue Time: 1700 hrs

Revision No. 9

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	
NR-WR*	1st April 2019 to 30th April 2019	00-06	2500	500	2000	195	1805			
		06-18				250	1750			
		18-24				195	1805			
WR-NR*	1st April 2019 to 30th April 2019	00-24	13250	500	12750	9485	3265			
			12300**		11800**	8535**	3265**			
NR-ER*	1st April 2019 to 30th April 2019	00-06	2000	200	1800	193	1607			
		06-18	2000		1800	303	1497			
		18-24	2000		1800	193	1607			
ER-NR*	1st April 2019 to 30th April 2019	00-24	5250	300	4950	3979	971			
W3-ER	1st April 2019 to 30th April 2019	00-24	No limit is being specified.							
ER-W3	1st April 2019 to 30th April 2019	00-24	No limit is being specified.							
WR-SR	1st April 2019 to 05th April 2019	00-05	5550	500	5050	4435	615			
		05-22	5550		5050		615			
		22-24	5550		5050		615			
	6th April 2019 to 20th April 2019	00-05	5050	500	4550	4435	115			
		05-22	5050		4550		115			
		22-24	5050		4550		115			
	21st April 2019 to 30th April 2019	00-05	5550	500	5050	4435	615			
		05-22	5550		5050		615			
		22-24	5550		5050		615			
SR-WR *	1st April 2019 to 30th April 2019	00-24	No limit is being Specified.							
ER-SR	1st April 2019 to 05th April 2019	00-06	4950	250	4700	2762	1938			
		06-18				2847	1853			
		18-24				2762	1938			
	06th April 2019	00-06	4950	250	4700	2762	1938			
		06-0830	4950		4700	2847	1853			
		0830-18	4650		4400	2847	1553			
		18-24	4650		4400	2762	1638			
	07th April 2019	00-06	4950	250	4700	2762	1938			
		06-0830	4950		4700	2847	1853			
		0830-18	4650		4400	2847	1553			
		18-24	4650		4400	2762	1638			
	08th April 2019 to 13th April 2019	00-06	4950	250	4700	2762	1938			
		06-18				2847	1853			
		18-24				2762	1938			
	14th April 2019	00-06	4950	250	4700	2762	1938			
		06-730	4950		4700	2847	1853			
		730-18	4650		4400	2847	1553			
		18-24	4650		4400	2762	1638			
	15th April 2019 to 30th April 2019	00-06	4950	250	4700	2762	1938			
		06-18				2847	1853			
		18-24				2762	1938			
	SR-ER *	1st April 2019 to 30th April 2019	00-24	No limit is being Specified.						

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ER-NER	1st April 2019	00-08'	1340	45	1295	265	1030		
		08-17'	1180		1135		870		
		17-23	1150		1105		840		
		23-24	1180		1135		870		
	2nd April 2019	00-17	1180	45	1135	265	870		
		17-23	1150		1105		840		
23-24		1180	1135		870				
ER-NER	3rd April 2019 to 05th April 2019	00-17	1340	45	1295	265	1030		
		17-23	1410		1365		1100		
		23-24	1340		1295		1030		
	06th April 2019	00-08'	1340	45	1295	326	969		
		08-17'	1260		1215		889		
		17-23	1340		1295		969		
		23-24	1260		1215		889		
	07th April 2019 to 10th April 2019	00-08'	1340	45	1295	326	969		
		08-17'	910		865		539		
		17-23	1070		1025		699		
		23-24	910		865		539		
	11th April 2019	00-17	1340	45	1295	326	969		
		17-23	1410		1365		1039		
		23-24	1340		1295		969		
	12th April 2019 to 13th April 2019	00-08'	1340	45	1295	326	969		
		08-17'	910		865		539		
		17-23	1070		1025		699		
		23-24	910		865		539		
	14th April 2019	00-08'	1340	45	1295	326	969		
		08-17'	1340		1295		969		
		17-23	1410		1365		1039		
		23-24	1340		1295		969		
	15th April 2019	00-17	1340	45	1295	326	969		
		17-23	1410		1365		1039		
23-24		1340	1295		969				
16th April 2019	00-08'	1340	45	1295	326	969			
	08-17'	910		865		539	-430	Revised due to shutdown of 400kV Misa-Balipara-1	
	17-23	1070		1025		699	-340		
	23-24	910		865		539	-430		
17th April 2019	00-08'	1340	45	1295	326	969			
	08-17'	1260		1215		889	-80	Revised due to shutdown of 400kV Bongaigaon-Azara line	
	17-23	1340		1295		969	-70		
	23-24	1260		1215		889	-80		
18th April 2019 to 30th April 2019	00-17	1340	45	1295	326	969			
	17-23	1410		1365		1039			
	23-24	1340		1295		969			
NER-ER	1st April 2019	00-08'	2260	45	2215	0	2215		
		08-17'	1070		1025		1025		
		17-23	1100		1055		1055		
		23-24	1070		1025		1025		
	2nd April 2019	00-17	1070	45	1025	0	1025		
		17-23	1100		1055		1055		
		23-24	1070		1025		1025		
	3rd April 2019 to 05th April 2019	00-17	2260	45	2215	0	2215		
		17-23	2310		2265		2265		
		23-24	2260		2215		2215		
	06th April 2019	00-08'	2260	45	2215	0	2215		
		08-17'	2060		2015		2015		
17-23		2090	2045		2045				
23-24		2060	2015		2015				

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NER-ER	07th April 2019 to 10th April 2019	00-08'	2260	45	2215	0	2215		
		08-17'	2060		2015		2015		
		17-23	2030		1985		1985		
		23-24	2060		2015		2015		
	11th April 2019	00-17	2260	45	2215	0	2215		
		17-23	2310		2265		2265		
		23-24	2260		2215		2215		
	12th April 2019 to 13th April 2019	00-08'	2260	45	2215	0	2215		
		08-17'	2060		2015		2015		
		17-23	2030		1985		1985		
		23-24	2060		2015		2015		
	14th April 2019	00-08'	2260	45	2215	0	2215		
		08-17'	2260		2215		2215		
		17-23	2310		2265		2265		
		23-24	2260		2215		2215		
	15th April 2019	00-17	2260	45	2215	0	2215		
		17-23	2310		2265		2265		
		23-24	2260		2215		2215		
	16th April 2019	00-08'	2260	45	2215	0	2215		
		08-17'	2060		2015		2015	-200	Revised due to shutdown of 400kV Misa-Balipara-1
		17-23	2030		1985		1985	-280	
		23-24	2060		2015		2015	-200	
	17th April 2019	00-08'	2260	45	2215	0	2215		
		08-17'	2060		2015		2015	-200	Revised due to shutdown of 400kV Bongaigaon-Azara line
17-23		2090	2045		2045		-220		
23-24		2060	2015		2015		-200		
18th April 2019 to 30th April 2019	00-17	2260	45	2215	0	2215			
	17-23	2310		2265		2265			
	23-24	2260		2215		2215			

W3 zone Injection	1st April 2019 to 30th April 2019	00-24	No limit is being specified (In case of any constraints appearing in the system, W3 zone export would be revised accordingly)						
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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.

- 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) KWPCCL, 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 commissioned 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.

SR	1st April 2019 to 05th April 2019	00-06	10500	750	9750	7197	2553	
		06-18	10500		9750	7282	2468	
		18-24	10500		9750	7197	2553	
	06th April 2019	00-06	10000	750	9250	7197	2053	
		06-0830	10000		9250	7282	1968	
		0830-18	9700		8950	7282	1668	
		18-24	9700		8950	7197	1753	
	07th April 2019	00-06	10000	750	9250	7197	2053	
		06-0830	10000		9250	7282	1968	
		0830-18	9700		8950	7282	1668	
		18-24	9700		8950	7197	1753	
	SR	08th April 2019 to 13th April 2019	00-06	10000	750	9250	7197	2053
06-18			10000	9250		7282	1968	
18-24			10000	9250		7197	2053	
14th April 2019		00-06	10000	750	9250	7197	2053	
		06-730	10000		9250	7282	1968	
		730-18	9700		8950	7282	1668	
		18-24	9700		8950	7197	1753	
15th April 2019 to 20th April 2019		00-06	10000	750	9250	7197	2053	
		06-18	10000		9250	7282	1968	
		18-24	10000		9250	7197	2053	
21st April 2019 to 30th April 2019		00-06	10500	750	9750	7197	2553	
		06-18	10500		9750	7282	2468	
	18-24	10500	9750		7197	2553		

* 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.

* 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	
NR*	1st April 2019 to 30th April 2019	00-06	4500	700	3800	388	3412			
		06-18			3800	553	3247			
		18-24			3800	388	3412			
NER	1st April 2019	00-08'	2260	45	2215	0	2215			
		08-17'	1070		1025		1025			
		17-23	1100		1055		1055			
		23-24	1070		1025		1025			
	2nd April 2019	00-17	1070	45	1025	0	1025			
		17-23	1100		1055		1055			
		23-24	1070		1025		1025			
	06th April 2019	00-08'	2260	45	2215	0	2215			
		08-17'	2060		2015		2015			
		17-23	2090		2045		2045			
		23-24	2060		2015		2015			
	07th April 2019 to 10th April 2019	00-08'	2260	45	2215	0	2215			
		08-17'	2060		2015		2015			
		17-23	2030		1985		1985			
		23-24	2060		2015		2015			
	11th April 2019	00-17	2260	45	2215	0	2215			
		17-23	2310		2265		2265			
		23-24	2260		2215		2215			
	12th April 2019 to 13th April 2019	00-08'	2260	45	2215	0	2215			
		08-17'	2060		2015		2015			
		17-23	2030		1985		1985			
		23-24	2060		2015		2015			
	14th April 2019	00-08'	2260	45	2215	0	2215			
		08-17'	2260		2215		2215			
		17-23	2310		2265		2265			
		23-24	2260		2215		2215			
	15th April 2019	00-17	2260	45	2215	0	2215			
		17-23	2310		2265		2265			
		23-24	2260		2215		2215			
	16th April 2019	00-08'	2260	45	2215	0	2215			
		08-17'	2060		2015		2015	-200	Revised due to shutdown of 400kV Misa-Balipara-1	
		17-23	2030		1985		1985	-280		
		23-24	2060		2015		2015	-200		
	17th April 2019	00-08'	2260	45	2215	0	2215			
		08-17'	2060		2015		2015	-200	Revised due to shutdown of 400kV Bongaigaon-Azara line	
		17-23	2090		2045		2045	-220		
		23-24	2060		2015		2015	-200		
	18th April 2019 to 30th April 2019	00-17	2260	45	2215	0	2215			
		17-23	2310		2265		2265			
		23-24	2260		2215		2215			
	WR									
	SR *	1st April 2019 to 30th April 2019	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)

Corridor	Constraint	Applicable Revisions
NR-WR	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Badod-Modak	Rev-0 to 9
WR-NR	(n-1) Contingency of 765kV Aligarh-Jhatikara leads to 2500 MW loading on 765kV Aligarh-Greater Noida.	Rev-0 to 1
	RVO operation of HVDC Champa Kurukshetra Poles Reversal of BNC-Agra pole towards BNC & blocking of APD-Agra pole due to lean hydro period in NER	Rev-0 to 1
	n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Agra (PG) will lead to overloading of the second ICT	Rev-2 to 9
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	Rev-0 to 9
ER-NR	1. N-1 contingencies of 400 kv Mejia-Maithon A S/c 2. N-1 contingencies of 400 kv Kahalgaon-Banka S/c 3. N-1 contingencies of 400kV MPL- Maithon S/C	Rev-0 to 9
WR-SR and ER-SR	n-1 contingency of 2x315 MVA, 400/220 kV ICTs at Mardam will lead to overloading of the second ICT	Rev-0 to 9
	n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT	Rev-0 to 5,7,9
	Low Voltage at Gazuwaka (East) Bus.	Rev-0 to 9
ER-NER	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 4
	a) N-1 contingency of either ckt of 400 kV Bongaigaon -New Siliguri line b) High Loading of 220 kV Salakati - Alipurduar D/C (200 MW)	Rev-5-6
	a) N-1 contingency of 400/220 kV, 500 MVA ICT at Misa High Loading of 220 kV Balipara- Sonabil (200 MW)	b) Rev-7-9
	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa	Rev-0 to 4
NER-ER	a) N-1 contingency of either ckt of 400 kV Bongaigaon -New Siliguri line b) High Loading of 220 kV Salakati - Alipurduar D/C (200 MW)	Rev-5-6
	a) N-1 contingency of 400/220 kV, 500 MVA ICT at Misa High Loading of of 400/220 kV, 315 MVA ICT at Misa	b) Rev-7-9
	a) N-1 contingency of 400 kV Balipara - Misa II Line High Loading of 220 kV Balipara- Sonabil (200 MW)	b)
	(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa	Rev-0 to 4
	a) N-1 contingency of either ckt of 400 kV Bongaigaon -New Siliguri line b) High Loading of 220 kV Salakati - Alipurduar D/C (200 MW)	Rev-5-6
W3 zone Injection	---	Rev-0 to 9

Limiting Constraints (Simultaneous)

		Applicable Revisions	
NR	Import	1. N-1 contingencies of 400 kV Mejia-Maithon A S/c 2. N-1 contingencies of 400 kV Kahalgaon-Banka S/c 3. N-1 contingencies of 400kV MPL- Maithon S/c	Rev-0 to 8
		(n-1) Contingency of 765kV Aligarh-Jhatikara leads to 2500 MW loading on 765kV Aligarh-Greater Noida.	Rev-0 to 1
		RVO operation of HVDC Champa Kurukshetra Poles Reversal of BNC-Agra pole towards BNC & blocking of APD-Agra pole due to lean hydro period in NER	Rev-0 to 1
		n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Agra (PG) will lead to overloading of the second ICT	Rev-2 to 8
		(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220 kV Badod-Modak.	Rev-0 to 8
NER	Export	(n-1) contingency of 400 kV Saranath-Pusauli	Rev-0 to 8
	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 4
		a) N-1 contingency of either ckt of 400 kV Bongaigaon -New Siliguri line b) High Loading of 220 kV Salakati - Alipurduar D/C (200 MW)	Rev-5-6
		a) N-1 contingency of 400/220 kV, 500 MVA ICT at Misa b) High Loading of 220 kV Balipara- Sonabil (200 MW)	Rev-7-8
		(n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa	Rev-0 to 4
	Export	a) N-1 contingency of either ckt of 400 kV Bongaigaon -New Siliguri line b) High Loading of 220 kV Salakati - Alipurduar D/C (200 MW)	Rev-5-6
		a) N-1 contingency of 400/220 kV, 500 MVA ICT at Misa High Loading of of 400/220 kV, 315 MVA ICT at Misa	b) Rev-7-8
		a) N-1 contingency of 400 kV Balipara - Misa II Line b) High Loading of 220 kV Balipara- Sonabil (200 MW)	
SR	Import	n-1 contingency of 2x315 MVA, 400/220 kV ICTs at Mardam will lead to overloading of the second ICT	Rev-0 to 8
		n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT	Rev-0 to 5,7
		Low Voltage at Gazuwaka (East) Bus.	Rev-0 to 8

**National Load Despatch Centre
Total Transfer Capability for April 2019**

Revision No	Date of Revision	Period of Revision	Reason for Revision/Comment	Corridor Affected
1	4th Jan 2019	Whole Month	Revised STOA margins due to: (i) Additional 20 MW LTA to Delhi from Ostro Kutch Wind Power Ltd (OKWPL) (ii) Operationalization of 108 MW MTOA from SKS Power Gen Ltd to Noida Power Company	WR-NR/Import of NR
			Revised TTC due to: (i) Change in load generation balance (ii) Commissioning of circuit 3 & 4 of 765 kV Angul Jharsuguda (iii) Prevailing pattern of load in downstream of 400/220 kV Maradam ICTs	ER-SR/WR-SR/Import of SR
2	28th Jan 2019	Whole Month	Revised TTC due to normalization of Champa Kurukshetra bipole	WR-NR/Import of NR
			Change in pattern of inter-regional flow towards NR	Import of NR
			Revised STOA margin due to termination of 100 MW MTOA from LANCO Anpara power limited to TANGEDCO	WR-SR/Import of SR
3	07th Mar 2019	Whole Month	Operationalization of 87 MW LTA from Teesta - III HEP to Rajasthan	ER-NR/Import of NR
			Operationalization of 50 MW LTA from Orange Sirong Wind Power Limited (OSWPPL) to Haryana	WR-NR/Import of NR
4	28th Mar 2019	Whole Month	Operationalization of the following LTAs:- a) Tuticorin - Mytrah Power to UPPCL, Uttar Pradesh - 51.84 MW	WR-NR/Import of NR
			Allocation of 40 MW power from Mouda Stg-II to Assam	ER-NER/Import of NER
5	29th Mar 2019	1st April to 02nd April 2019	Revised due to Shutdown of 400 kV Bongaigaon - Alipurduar D/C and due to change in load - generation balance and charging of new elements (400/220/33 kV 500 MVA ICT-1 replaced 400/220/33 kV, 315 MVA ICT-1 at Misa, 400/220/33 kV, 315 MVA ICT-2 at Bongaigaon , 400/132 kV, 3x40 MVA ICT at Kameng)	ER-NER/NER-ER/Import and Export of NER
		3rd April to 30th April 2019	Revised due to change in load - generation balance and charging of new elements (400/220/33 kV 500 MVA ICT-1 replaced 400/220/33 kV, 315 MVA ICT-1 at Misa, 400/220/33 kV, 315 MVA ICT-2 at Bongaigaon , 400/132 kV, 3x40 MVA ICT at Kameng)	ER-NER/NER-ER/Import and Export of NER
6	04th April 2019	06th April 2019 to 07th April 2019	Revised due to day time shutdown of 400kV Rengali-Indravati line	ER-SR/Import of SR
7	05th April 2019	06th April 2019 to 20th April 2019	Revised due Forced outage of Pole-2 at Bhadravathi	WR-SR/Import of SR
		06th April 2019	Revised due to shutdown of 400 kV Bongaigaon - Azara Line and Revised STOA margin due to operationalisation of following LTA : a). Assam from Tuticorin Mytrah (Wind Power Plant) : 25.74 MW b) Assam from NVVN (Solar Power Plant): 5 MW c) LTA of Arunachal Pradesh from Unchahar (Thermal Power Plant): 30 MW	ER-NER/NER-ER/Import and Export of NER

7	05th April 2019	07th April 2019 to 10th April 2019 and 12th April to 14th April 2019	Revised due to shutdown of 400kV Misa-Balipara-I and Revised STOA margin due to operationalisation of following LTA : a). Assam from Tuticorin Mytrah (Wind Power Plant) : 25.74 MW b) Assam from NVVN (Solar Power Plant): 5 MW c) LTA of Arunachal Pradesh from Unchahar (Thermal Power Plant): 30 MW	ER-NER/NER-ER/Import and Export of NER
		15th April 2019 to 30th April 2019	Revised STOA margin due to operationalisation of following LTA : a). Assam from Tuticorin Mytrah (Wind Power Plant) : 25.74 MW b) Assam from NVVN (Solar Power Plant): 5 MW c) LTA of Arunachal Pradesh from Unchahar (Thermal Power Plant): 30 MW	ER-NER/Import of NER
8	12th April 2019	14th April 2019	Revised due to day time shutdown of 400kV Rengali-Indravati line	ER-SR/Import of SR
			Revised due to rescheduling of shutdown of 400kV Misa-Balipara-1 to 16.04.19	ER-NER/NER-ER/Import and Export of NER
9	14th April 2019	16th April 2019	Revised due to shutdown of 400kV Misa-Balipara-1	ER-NER/NER-ER/Import and Export of NER
		17th April 2019	Revised due to shutdown of 400kV Bongaigaon-Azara line	

ASSUMPTIONS IN BASECASE					
				Month : April'19	
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	7290	6249	3543	3588
2	Haryana	7873	7139	2583	2583
3	Rajasthan	10474	9250	7473	7473
4	Delhi	5387	4170	612	612
5	Uttar Pradesh	14130	11663	6246	6367
6	Uttarakhand	1784	1304	816	544
7	Himachal Pradesh	1459	970	173	131
8	Jammu & Kashmir	2387	1613	771	761
9	Chandigarh	243	144	0	0
10	ISGS/PPs	30	29	18558	10652
	Total NR	51057	42529	40775	32711
II	EASTERN REGION				
1	Bihar	4534	3290	352	285
2	Jharkhand	994	702	354	229
3	Damodar Valley Corporation	3022	2497	5147	3743
4	Orissa	4128	3314	2371	2471
5	West Bengal	6921	4534	5279	3958
6	Sikkim	107	94	0	0
7	Bhutan	200	198	414	336
8	ISGS/PPs	626	627	11872	8472
	Total ER	20531	15257	25789	19494
III	WESTERN REGION				
1	Maharashtra	20141	17026	16345	14514
2	Gujarat	15838	13877	10402	10095
3	Madhya Pradesh	10831	7721	5491	4520
4	Chattisgarh	4459	3483	2797	2985
5	Daman and Diu	349	297	0	0
6	Dadra and Nagar Haveli	886	722	0	0
7	Goa-WR	625	439	0	0
8	ISGS/PPs	4956	4343	40029	30899
	Total WR	58085	47909	75062	63015

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	8469	7401	6235	4544
2	Telangana	9553	8303	4964	4464
3	Karnataka	9353	6123	7638	5619
4	Tamil Nadu	15346	13709	8538	7138
5	Kerala	4133	2777	1574	716
6	Pondy	327	321	0	0
7	Goa-SR	73	72	0	0
8	ISGS/IPPs	0	0	13098	11619
	Total SR	47254	38706	42049	34101
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	66	54	0	0
2	Assam	879	806	195	142
3	Manipur	119	87	0	0
4	Meghalaya	284	213	162	96
5	Mizoram	99	59	64	8
6	Nagaland	81	74	12	6
7	Tripura	209	149	74	74
8	ISGS/IPPs	153	83	1326	1151
	Total NER	1890	1525	1833	1477
	Total All India	179317	146360	185946	151169