# **National Load Despatch Centre Total Transfer Capability for November 2019**

Issue Date: 28th July 2019 Issue Time: 1500 hrs Revision No. 0

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	
	1st November	00-06				195	1805			
NR-WR*	2019 to 30th	06-18	2500	500	2000	250	1750			
	November 2019	18-24				195	1805			
WR-NR*	1st November 2019 to 30th	00-24	13500	500	13000	10060	2940			
	November 2019		12550**		12050**	9110**	2940**			
NR-ER*	1st November 2019 to 30th	00-06 06-18	2000	200	1800 1800	193 303	1607 1497			
NK-EK*	November 2019	18-24	2000	200	1800	193	1497	-		
ER-NR*	1st November 2019 to 30th November 2019	00-24	5250	300	4950	3979	971			
W3-ER	1st November 2019 to 30th November 2019	00-24		No limit is being specified.						
ER-W3	1st November 2019 to 30th November 2019	00-24		No limit is being specified.						
WR-SR	1st November 2019 to 30th November 2019	00-05 05-22 22-24	5550 5550 5550	500	5050 5050 5050	3901	1149 1149 1149			
SR-WR *	1st November 2019 to 30th November 2019	00-24		No limit is being Specified.						
	1st November	00-06				2748	1952			
ER-SR	2019 to 30th	06-18	4950	250	4700	2833	1867	1		
	November 2019	18-24				2748	1952			
SR-ER *	1st November 2019 to 30th November 2019	00-24	No limit is being Specified.							
	1st November	00-17	1450		1405		1095			
ER-NER	2019 to 30th	17-23	1050	45	1005	310	695			
	November 2019	23-24	1450		1405		1095			
NER-ER	1st November 2019 to 30th November 2019	00-17 17-23 23-24	2990 3010 2990	45	2945 2965 2945	0	2945 2965 2945			

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

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.

\*\*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) 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.

<sup>\*</sup> 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).

#### **Simultaneous Import 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	
ER										
		00-06	18500 17550**		17700 16750**		3661 3661**			
NR	1st November 2019 to 30th November 2019	9 to 30th 18900**	800	19050 18100**	14039	5011 5011**				
1121		November 2019	09-17	17550**	18500 17550**	17700 16750**	13089**	3661 3661**		
		17-24	18000 17050**		17200 16250**		3161 3161**			
	1st November	00-17	1450		1405		1095			
NER		17-23	1050	45	1005	310	695			
		23-24	1450		1405		1095			
WR										
SR	1st November 2019 to 30th November 2019	00-06 06-18 18-24	10500 10500 10500	750	9750 9750 9750	6649 6734 6649	3101 3016 3101			

<sup>\*</sup> 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.

Margin in Simultaneous import of NR = A

WR-NR ATC = BER-NR ATC = C

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

<sup>\*</sup> 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:

## **Simultaneous Export 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
N V TO at	1st November	00-06	4500	<b>5</b> 00	3800	388	3412		
NR*	2019 to 30th November 2019	06-18	4500	700	3800	553	3247		
	1 to vemoer 2019	18-24	4500		3800	388	3412		
	1st November	00-17	2990	45	2945		2945		
NER	2019 to 30th	17-23	3010		2965	0	2965		
	November 2019	23-24	2990		2945		2945		
WR									
***									
SR *	1st November 2019 to 30th November 2019	00-24	No limit is being Specified.						

<sup>\*</sup> 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)**

		<b>Applicable Revisions</b>
Corridor	Constraint	
NR-WR	(n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Bhanpura-Modak	Rev-0
WR-NR	n-1 contingency of 765 kV Aligarh - Jhatikara Line will lead to overlaoding of 765 kV Aligarh - Gr. Noida Line	Rev-0
NR-ER	(n-1) contingency of 400 kV Saranath-Pusauli	Rev-0
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> <li>N-1 contingencies of 400kV MPL- Maithon S/C</li> </ol>	Rev-0
WR-SR	n-1 contingency of 2x315 MVA, 400/220 kV ICTs at Mardam will lead to overloading of the second ICT	Rev-0
and ER-	n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT	Rev-0
SR	Low Voltage at Gazuwaka (East) Bus.	Rev-0
1 H K - N H K	a. (n-1) contingency of 400/220 kV, 2x500 MVA ICTs at Misa b. High loading of 220 kV Balipara-Sonabil line(200 MW)	Rev-0
NER-ER	(n-1) contingency of 400/220 kV, 2x500 MVA ICTs at Misa results in high loading of other ICT at Misa	Rev-0
W3 zone Injection		Rev-0

## **Limiting Constraints (Simultaneous)**

			<b>Applicable Revisions</b>
	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
NR		n-1 contingency of 765 kV Aligarh - Jhatikara Line will lead to overlaoding of 765 kV Aligarh - Gr. Noida Line	Rev-0
	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
NER	Import	<ul><li>a. (n-1) contingency of 400/220 kV, 2x500 MVA ICTs at Misa</li><li>b. High loading of 220 kV Balipara-Sonabil line(200 MW)</li></ul>	Rev-0
	Export	(n-1) contingency of 400/220 kV, 2x500 MVA ICTs at Misa results in high loading of other ICT at Misa	Rev-0
		n-1 contingency of 2x315 MVA, 400/220 kV ICTs at Mardam will lead to overloading of the second ICT	Rev-0
SR	Import	n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Vemagiri (PG) will lead to overloading of the second ICT	Rev-0
		Low Voltage at Gazuwaka (East) Bus.	Rev-0

## National Load Despatch Centre Total Transfer Capability for November 2019

Revision	Date of	Period of	Reason for Revision/Comment	Corridor
No	Revision	Revision		Affected

NORTHERN REGION							IPTIONS IN BASECASE	ASSUN
Peak Load (MW)			Month: November'19					
NORTHERN REGION			Generation			Load	Name of State/Area	S.No.
1         Punjab         7875         5192         4226         40           2         Haryana         7646         4763         1734         17           3         Rajasthan         11378         11032         7073         70           4         Delhi         4481         2498         799         75           5         Uttar Pradesh         13818         13077         6140         61           6         Uttarakhand         2129         1572         912         60           7         Himachal Pradesh         1772         1243         323         23           8         Jammu & Kashmir         2302         1938         568         50           9         Chandigarh         243         131         0         0         0           10         ISGS/IPPs         27         26         19237         103         11         313         0         0         0         0         0         0         0         0         0         1         41473         41011         313         313         313         313         313         313         313         313         314         314         314         3	ak (MW)	Off Peak (	Peak (MW)	(MW)	Off Peak Load	Peak Load (MW)		
2         Haryana         7646         4763         1734         17           3         Rajasthan         11378         11032         7073         70           4         Delhi         4481         2498         799         75           5         Uttar Pradesh         13818         13077         6140         61           6         Uttarakhand         2129         1572         912         66           7         Himachal Pradesh         1772         1243         323         23           8         Jamnu & Kashmir         2302         1938         568         50           9         Chandigarh         243         131         0         0         0           10         ISGS/IPPs         27         26         19237         103         103           1         Total NR         51671         41473         41011         313           1         Bihar         4871         3078         168         16           2         Jahrkhand         1221         892         369         31           3         Damodar Valley Corporation         2784         2680         4652         37							NORTHERN REGION	ı
3         Rajasthan         11378         11032         7073         70           4         Delhi         4481         2498         799         75           5         Uttar Pradesh         13818         13077         6140         61           6         Uttarakhand         2129         1572         912         60           7         Himachal Pradesh         1772         1243         323         23           8         Jammu & Kashmir         2302         1938         568         50           9         Chandigarh         243         131         0         0           10         ISGS/IPPs         27         26         19237         103           10         ISGS/IPPs         27         26         19237         103           1         Total NR         51671         41473         41011         313           11         Bihar         4871         3078         168         168         16           2         Jharkhand         1221         892         369         33           3         Damodar Valley Corporation         2784         2680         4652         37           4 <t< td=""><td>000</td><td>4000</td><td>4226</td><td></td><td>5192</td><td>7875</td><td>Punjab</td><td>1</td></t<>	000	4000	4226		5192	7875	Punjab	1
4         Delhi         4481         2498         799         75           5         Uttar Pradesh         13818         13077         6140         61           6         Uttarakhand         2129         1572         912         66           7         Himachal Pradesh         1772         1243         323         23           8         Jammu & Kashmir         2302         1938         568         50           9         Chandigarh         243         131         0         0         0           10         ISGS/IPPs         27         26         19237         103           Total NR         51671         41473         41011         313           II         EASTERN REGION         44011         3078         168         168           2         Jharkhand         1221         892         369         31           3         Damodar Valley Corporation         2784         2680         4652         37           4         Orissa         4122         2714         2847         21           5         West Bengal         7585         5552         5024         38           6         Sikkim <td>734</td> <td>1734</td> <td>1734</td> <td></td> <td>4763</td> <td>7646</td> <td>Haryana</td> <td>2</td>	734	1734	1734		4763	7646	Haryana	2
5         Uttar Pradesh         13818         13077         6140         61           6         Uttarakhand         2129         1572         912         60           7         Himachal Pradesh         1772         1243         323         23           8         Jammu & Kashmir         2302         1938         568         56           9         Chandigarh         243         131         0         0           10         ISGS/IPPs         27         26         19237         103           10         ISGS/IPPs         27         26         19237         103           1         Total NR         51671         41473         41011         313           1         Bihar         4871         3078         168         16           2         Jharkhand         1221         892         369         31           3         Damodar Valley Corporation         2784         2680         4652         37           4         Orissa         4122         2714         2847         21           5         West Bengal         7585         5552         5024         38           6         Sikkim	012	7012	7073		11032	11378	Rajasthan	3
6         Uttarakhand         2129         1572         912         60           7         Himachal Pradesh         1772         1243         323         23           8         Jammu & Kashmir         2302         1938         568         50           9         Chandigarh         243         131         0         0           10         ISGS/IPPs         27         26         19237         103           Total NR         51671         41473         41011         313           II         EASTERN REGION	'99	799	799		2498	4481	Delhi	4
7         Himachal Pradesh         1772         1243         323         23           8         Jammu & Kashmir         2302         1938         568         50           9         Chandigarh         243         131         0         0           10         ISGS/IPPs         27         26         19237         103           Total NR         51671         41473         41011         313           II         EASTERN REGION         4871         3078         168         16           1         Bihar         4871         3078         168         16           2         Jharkhand         1221         892         369         31           3         Damodar Valley Corporation         2784         2680         4652         37           4         Orissa         4122         2714         2847         21           5         West Bengal         7585         5552         5024         38           6         Sikkim         240         280         0         0           7         Bhutan         185         177         336         28           8         ISGS/IPPs         639         646 </td <td>161</td> <td>6161</td> <td>6140</td> <td></td> <td>13077</td> <td>13818</td> <td>Uttar Pradesh</td> <td>5</td>	161	6161	6140		13077	13818	Uttar Pradesh	5
8         Jammu & Kashmir         2302         1938         568         50           9         Chandigarh         243         131         0         0           10         ISGS/IPPs         27         26         19237         103           Total NR         51671         41473         41011         313           II         EASTERN REGION         41011         313           1         Bihar         4871         3078         168         16           2         Jharkhand         1221         892         369         31           3         Damodar Valley Corporation         2784         2680         4652         37           4         Orissa         4122         2714         2847         21           5         West Bengal         7585         5552         5024         38           6         Sikkim         240         280         0         0           7         Bhutan         185         177         336         28           8         ISGS/IPPs         639         646         12884         92           Total ER         21648         16020         26279         196 <t< td=""><td>500</td><td>600</td><td>912</td><td></td><td>1572</td><td>2129</td><td>Uttarakhand</td><td>6</td></t<>	500	600	912		1572	2129	Uttarakhand	6
9         Chandigarh         243         131         0         0           10         ISGS/IPPs         27         26         19237         103           Total NR         51671         41473         41011         313           II         EASTERN REGION         4871         3078         168         16           2         Jharkhand         1221         892         369         31           3         Damodar Valley Corporation         2784         2680         4652         37           4         Orissa         4122         2714         2847         21           5         West Bengal         7585         5552         5024         38           6         Sikkim         240         280         0         0           7         Bhutan         185         177         336         28           8         ISGS/IPPs         639         646         12884         92           Total ER         21648         16020         26279         198           III         WESTERN REGION         1         4         4         4         4         4         4         4         4         4         564	:35	235	323		1243	1772	Himachal Pradesh	7
10         ISGS/IPPs         27         26         19237         103           Total NR         51671         41473         41011         313           II         EASTERN REGION         1         Bihar         4871         3078         168         16           2         Jharkhand         1221         892         369         31           3         Damodar Valley Corporation         2784         2680         4652         37           4         Orissa         4122         2714         2847         21           5         West Bengal         7585         5552         5024         38           6         Sikkim         240         280         0         0           7         Bhutan         185         177         336         28           8         ISGS/IPPs         639         646         12884         92           Total ER         21648         16020         26279         198           III         WESTERN REGION         1         14607         104           2         Gujarat         15146         11884         9281         91           3         Madhya Pradesh         12770	07	507	568		1938	2302	Jammu & Kashmir	8
Total NR	0	0	0		131	243	Chandigarh	9
II	332	10332	19237		26	27	ISGS/IPPs	10
1         Bihar         4871         3078         168         16           2         Jharkhand         1221         892         369         31           3         Damodar Valley Corporation         2784         2680         4652         37           4         Orissa         4122         2714         2847         21           5         West Bengal         7585         5552         5024         38           6         Sikkim         240         280         0         0         0           7         Bhutan         185         177         336         28           8         ISGS/IPPs         639         646         12884         92           Total ER         21648         16020         26279         198           III         WESTERN REGION         1         14607         104           2         Gujarat         15146         11884         9281         91           3         Madhya Pradesh         12770         9774         5641         45           4         Chattisgarh         4311         2747         2682         24           5         Daman and Diu         337         2	379	31379	41011		41473	51671	Total NR	
1         Bihar         4871         3078         168         16           2         Jharkhand         1221         892         369         31           3         Damodar Valley Corporation         2784         2680         4652         37           4         Orissa         4122         2714         2847         21           5         West Bengal         7585         5552         5024         38           6         Sikkim         240         280         0         0         0           7         Bhutan         185         177         336         28           8         ISGS/IPPs         639         646         12884         92           Total ER         21648         16020         26279         198           III         WESTERN REGION         1         14607         104           2         Gujarat         15146         11884         9281         91           3         Madhya Pradesh         12770         9774         5641         45           4         Chattisgarh         4311         2747         2682         24           5         Daman and Diu         337         2								
2         Jharkhand         1221         892         369         31           3         Damodar Valley Corporation         2784         2680         4652         37           4         Orissa         4122         2714         2847         21           5         West Bengal         7585         5552         5024         38           6         Sikkim         240         280         0         0         0           7         Bhutan         185         177         336         28           8         ISGS/IPPs         639         646         12884         92           Total ER         21648         16020         26279         198           III         WESTERN REGION         1         13925         14607         104           2         Gujarat         15146         11884         9281         91           3         Madhya Pradesh         12770         9774         5641         45           4         Chattisgarh         4311         2747         2682         24           5         Daman and Diu         337         236         0         0           6         Dadra and Nagar Haveli							EASTERN REGION	II
3         Damodar Valley Corporation         2784         2680         4652         37           4         Orissa         4122         2714         2847         21           5         West Bengal         7585         5552         5024         38           6         Sikkim         240         280         0         0           7         Bhutan         185         177         336         28           8         ISGS/IPPs         639         646         12884         92           Total ER         21648         16020         26279         198           III         WESTERN REGION         1         13925         14607         104           2         Gujarat         15146         11884         9281         91           3         Madhya Pradesh         12770         9774         5641         45           4         Chattisgarh         4311         2747         2682         24           5         Daman and Diu         337         236         0         0           6         Dadra and Nagar Haveli         824         565         0         0	61	161	168		3078	4871	Bihar	1
4         Orissa         4122         2714         2847         21           5         West Bengal         7585         5552         5024         38           6         Sikkim         240         280         0         0           7         Bhutan         185         177         336         28           8         ISGS/IPPs         639         646         12884         92           Total ER         21648         16020         26279         198           III         WESTERN REGION         1         14607         104           2         Gujarat         15146         11884         9281         91           3         Madhya Pradesh         12770         9774         5641         45           4         Chattisgarh         4311         2747         2682         24           5         Daman and Diu         337         236         0         0         0           6         Dadra and Nagar Haveli         824         565         0         0         0	19	319	369		892	1221	Jharkhand	2
5         West Bengal         7585         5552         5024         38           6         Sikkim         240         280         0         0           7         Bhutan         185         177         336         28           8         ISGS/IPPs         639         646         12884         92           Total ER         21648         16020         26279         198           III         WESTERN REGION         1         13925         14607         104           2         Gujarat         15146         11884         9281         91           3         Madhya Pradesh         12770         9774         5641         45           4         Chattisgarh         4311         2747         2682         24           5         Daman and Diu         337         236         0         0           6         Dadra and Nagar Haveli         824         565         0         0	775	3775	4652		2680	2784	Damodar Valley Corporation	3
6         Sikkim         240         280         0         0           7         Bhutan         185         177         336         28           8         ISGS/IPPs         639         646         12884         92           Total ER         21648         16020         26279         198           III         WESTERN REGION         1         4607         104           2         Gujarat         15146         11884         9281         91           3         Madhya Pradesh         12770         9774         5641         45           4         Chattisgarh         4311         2747         2682         24           5         Daman and Diu         337         236         0         0           6         Dadra and Nagar Haveli         824         565         0         0	178	2178	2847		2714	4122	Orissa	4
7         Bhutan         185         177         336         28           8         ISGS/IPPs         639         646         12884         92           Total ER         21648         16020         26279         198           III         WESTERN REGION         1         13925         14607         104           2         Gujarat         15146         11884         9281         91           3         Madhya Pradesh         12770         9774         5641         45           4         Chattisgarh         4311         2747         2682         24           5         Daman and Diu         337         236         0         0           6         Dadra and Nagar Haveli         824         565         0         0	823	3823	5024		5552	7585	West Bengal	5
8         ISGS/IPPs         639         646         12884         92           Total ER         21648         16020         26279         198           III         WESTERN REGION         20019         13925         14607         104           2         Gujarat         15146         11884         9281         91           3         Madhya Pradesh         12770         9774         5641         45           4         Chattisgarh         4311         2747         2682         24           5         Daman and Diu         337         236         0         0           6         Dadra and Nagar Haveli         824         565         0         0	0	0	0		280	240	Sikkim	6
Total ER         21648         16020         26279         198           III         WESTERN REGION         ————————————————————————————————————	<u>2</u> 81	281	336		177	185	Bhutan	7
III     WESTERN REGION       1     Maharashtra     20019     13925     14607     104       2     Gujarat     15146     11884     9281     91       3     Madhya Pradesh     12770     9774     5641     45       4     Chattisgarh     4311     2747     2682     24       5     Daman and Diu     337     236     0     0       6     Dadra and Nagar Haveli     824     565     0     0	296	9296	12884		646	639	ISGS/IPPs	8
1       Maharashtra       20019       13925       14607       104         2       Gujarat       15146       11884       9281       91         3       Madhya Pradesh       12770       9774       5641       45         4       Chattisgarh       4311       2747       2682       24         5       Daman and Diu       337       236       0       0         6       Dadra and Nagar Haveli       824       565       0       0	832	19832	26279		16020	21648	Total ER	
1       Maharashtra       20019       13925       14607       104         2       Gujarat       15146       11884       9281       91         3       Madhya Pradesh       12770       9774       5641       45         4       Chattisgarh       4311       2747       2682       24         5       Daman and Diu       337       236       0       0         6       Dadra and Nagar Haveli       824       565       0       0								
2       Gujarat       15146       11884       9281       916         3       Madhya Pradesh       12770       9774       5641       45         4       Chattisgarh       4311       2747       2682       24         5       Daman and Diu       337       236       0       0         6       Dadra and Nagar Haveli       824       565       0       0							WESTERN REGION	Ш
3     Madhya Pradesh     12770     9774     5641     45       4     Chattisgarh     4311     2747     2682     24       5     Daman and Diu     337     236     0     0       6     Dadra and Nagar Haveli     824     565     0     0	403	10403	14607		13925	20019	Maharashtra	1
4         Chattisgarh         4311         2747         2682         24           5         Daman and Diu         337         236         0         0           6         Dadra and Nagar Haveli         824         565         0         0	100	9100	9281		11884	15146	Gujarat	2
5         Daman and Diu         337         236         0         0           6         Dadra and Nagar Haveli         824         565         0         0	518	4518	5641		9774	12770	Madhya Pradesh	3
6 Dadra and Nagar Haveli 824 565 0 0	466	2466	2682		2747	4311	Chattisgarh	4
3	0	0	0		236	337	Daman and Diu	5
	0	0	0		565	824	Dadra and Nagar Haveli	6
7 Goa-WR 584 363 0	0	0	0		363	584	Goa-WR	7
8 ISGS/IPPs 5450 4364 44276 342	265	34265	44276		4364	5450	ISGS/IPPs	8
Total WR 59439 43858 76486 607	753	60753	76486		43858	59439	Total WR	

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	10285	7851	6911	5245
2	Telangana	11764	10518	4899	4549
3	Karnataka	9649	5970	7902	4265
4	Tamil Nadu	14497	12094	6397	5697
5	Kerala	3819	2181	1475	213
6	Pondy	338	310	0	0
7	Goa-SR	66	61	0	0
8	ISGS/IPPs	0	0	18497	12129
	Total SR	50420	38984	46081	32098
V	NORTH-EASTERN REGION				
1	Arunachal Pradesh	123	66	0	0
2	Assam	1792	1127	204	176
3	Manipur	197	91	0	0
4	Meghalaya	317	241	144	82
5	Mizoram	99	65	38	33
6	Nagaland	117	74	16	6
7	Tripura	278	164	99	99
8	ISGS/IPPs	104	61	2388	1867
	Total NER	3026	1889	2889	2263
	Total All India	186204	142224	192746	146325