Issue Date: 26th June 2019 Issue Time: 1330 hrs Revision No. 23

| Corridor | Date                            | Time<br>Period<br>(hrs) | Total<br>Transfer<br>Capability<br>(TTC) | Reliability<br>Margin | Available<br>Transfer<br>Capability<br>(ATC) | Long Term<br>Access (LTA)/<br>Medium Term<br>Open Access<br>(MTOA) # | Margin<br>Available for<br>Short Term<br>Open Access<br>(STOA) | Changes<br>in TTC<br>w.r.t.<br>Last<br>Revision | Comments                           |  |
|----------|---------------------------------|-------------------------|--|-----------------------|--|--|--|---|------------------------------------|--|
|          | 1st June 2019                   | 00-06                   |  |                       |  | 195  | 1805   |   |                                    |  |
| NR-WR*   | to                              | 06-18                   | 2500                                     | 500                   | 2000   | 250  | 1750   |   |                                    |  |
|          | 30th June 2019                  | 18-24                   |  |                       |  | 195  | 1805   |   |                                    |  |
|          | 1st June 2019<br>to             | 00-24                   | 13250                                    | 500                   | 12750  | 9783   | 2967   |   |                                    |  |
|          | 07th June 2019                  | 00 24                   | 12300**                                  | 300                   | 11800**                                      | 8833**   | 2967**   |   |                                    |  |
|          |                                 |                         | 13250                                    |                       | 12750  | 9783   | 2967   |   |                                    |  |
|          |                                 | 00-04                   | 12300**                                  | 500                   | 11800**                                      | 8833**   | 2967**   |   |                                    |  |
|          | 08th June 2019                  |                         | 12000                                    |                       | 11500  | 9783   | 1717   |   |                                    |  |
|          |                                 | 04-24                   |  | 500                   |  |  |  |   |                                    |  |
|          |                                 |                         | 11050**                                  |                       | 10550**                                      | 8833**   | 1717**   |   |                                    |  |
|          | 09th June 2019<br>to            | 00-24                   | 13250                                    | 500                   | 12750  | 9783   | 2967   |   |                                    |  |
|          | 12th June 2019                  | 0021                    | 12300**                                  |                       | 11800**                                      | 8833**   | 2967**   |   |                                    |  |
|          | 13th June 2019 to               |                         | 11250                                    |                       | 10750  | 9783   | 967  |   |                                    |  |
|          | 14th June 2019                  | 00-24                   | 10300**                                  | 500                   | 9800**                                       | 8833**   | 967**  |   |                                    |  |
|          | 15th June 2019                  |                         | 13250                                    |                       | 12750  | 9783   | 2967   |   |                                    |  |
| WR-NR*   | to                              | 00-24                   |  | 500                   |  |  |  |   |                                    |  |
|          | 17th June 2019                  |                         | 12300**<br>11250                         |                       | 11800**<br>10750                             | 8833**<br>9783   | 2967**<br>967  |   |                                    |  |
|          | 18th June 2019                  | 00-24                   | 11230                                    | 500                   | 10730  | 9763   | 967  |   |                                    |  |
|          |                                 |                         | 10300**                                  |                       | 9800**                                       | 8833**   | 967**  |   |                                    |  |
|          | 19th June 2019                  | 00-24                   | 13250                                    | 500                   | 12750  | 9783   | 2967   |   |                                    |  |
|          | to<br>26th June 2019            | 00-24                   | 12300**                                  | 300                   | 11800**                                      | 8833**   | 2967**   |   |                                    |  |
|          |                                 | 00-730'                 | 13250                                    | 500                   | 12750  | 9783   | 2967   |   |                                    |  |
|          | 27th June 2019                  |                         | 12300**                                  |                       | 11800**                                      | 8833**   | 2967**   |   |                                    |  |
|          | to<br>28th June 2019            |                         | 12250                                    |                       | 11750  | 9783   | 1967   |   | Revised due to shutdown of 765kv   |  |
|          | 28th Julie 2019                 | 730-24                  |  | 500                   |  |  |  | -1000   | Gr.Noida-Mainpuri line on day time |  |
|          | 29th June 2019                  |                         | 11300**                                  |                       | 10800**<br>12750                             | 8833**<br>9783   | 1967**<br>2967   |   | basis                              |  |
|          | to                              | 00-24                   | 13250                                    | 500                   | 12730  | 9763   | 2907   |   |                                    |  |
|          | 30th June 2019                  |                         | 12300**                                  |                       | 11800**                                      | 8833**   | 2967**   |   |                                    |  |
|          | 1st June 2019                   | 00-06                   | 2000                                     |                       | 1800   | 193  | 1607   |   |                                    |  |
| NR-ER*   | to                              | 06-18                   | 2000                                     | 200                   | 1800   | 303  | 1497   |   |                                    |  |
|          | 30th June 2019                  | 18-24                   | 2000                                     |                       | 1800   | 193  | 1607   |   |                                    |  |
| ER-NR*   | 1st June 2019<br>to             | 00-24                   | 5250                                     | 300                   | 4950   | 3979   | 971  |   |                                    |  |
|          | 30th June 2019                  | U 2 1                   | 2200                                     |                       | .,,,,,                                       | 0,1,7  | <i>,</i> , ,   |   |                                    |  |
|          | 1st June 2019                   |                         |  |                       |  |  |  |   |                                    |  |
| W3-ER    | to                              | 00-24                   |  |                       |  | No limi  | t is being specified   | 1.  |                                    |  |
|          | 30th June 2019<br>1st June 2019 |                         |  |                       |  |  |  |   |                                    |  |
| ER-W3    | to                              | 00-24                   |  |                       |  | No limit   | t is being specified   | 1.  |                                    |  |
|          | 30th June 2019                  |                         |  |                       |  |  |  |   |                                    |  |
|          | 1st June 2019                   | 00-05                   | 5550                                     |                       | 5050   |  | 907  |   |                                    |  |
|          | to 05-22                        | 5550                    | 500                                      | 5050                  | 4143   | 907  |  |   |                                    |  |
|          | 06th June 2019                  | 22-24 5550              |  | 5050                  | 4143   | 907  |  |   |                                    |  |
|          |                                 | 00-05                   | 5050                                     |                       | 4550   |  | 407  |   |                                    |  |
| WR-SR    | 07th June 2019                  | 05-22                   | 5050                                     | 500                   | 4550   | 0 4143   | 407  |   |                                    |  |
|          |                                 | 22-24                   | 5050                                     |                       | 4550   |  | 407  |   |                                    |  |

Issue Date: 26th June 2019 Issue Time: 1330 hrs Revision No. 23

| Corridor | Date                                  | Time<br>Period<br>(hrs) | Total<br>Transfer<br>Capability<br>(TTC) | Reliability<br>Margin        | Available<br>Transfer<br>Capability<br>(ATC) | Long Term<br>Access (LTA)/<br>Medium Term<br>Open Access<br>(MTOA) # | Margin<br>Available for<br>Short Term<br>Open Access<br>(STOA) | Changes<br>in TTC<br>w.r.t.<br>Last<br>Revision | Comments |  |
|----------|---------------------------------------|-------------------------|--|------------------------------|--|--|--|---|----------|--|
|          |                                       | 00-05                   | 5050                                     |                              | 4550   |  | 407  |   |          |  |
|          | 08th June 2019                        | 05-22                   | 5050                                     | 500                          | 4550   | 4143   | 407  |   |          |  |
|          |                                       | 22-24                   | 5050                                     |                              | 4550   |  | 407  |   |          |  |
|          |                                       | 00-05                   | 5050                                     |                              | 4550   |  | 407  |   |          |  |
|          | 09th June 2019                        | 05-22                   | 5050                                     | 500                          | 4550   | 4143   | 407  |   |          |  |
|          |                                       | 22-24                   | 5050                                     |                              | 4550   | 4143   | 407  |   |          |  |
|          |                                       | 00-05                   | 5050                                     |                              | 4550   |  | 407  |   |          |  |
|          | 10th June 2019                        | 05-22                   | 5050                                     | 500                          | 4550   |  | 407  |   |          |  |
|          |                                       | 22-24                   | 5050                                     |                              | 4550   |  | 407  |   |          |  |
|          | 11th June 2019                        | 00-05                   | 5050                                     |                              | 4550   |  | 407  |   |          |  |
|          | to                                    | 05-22                   | 5050                                     | 500                          | 4550   | 4143   | 407  |   |          |  |
|          | 13th June 2019                        | 22-24                   | 5050                                     |                              | 4550   |  | 407  |   |          |  |
|          | 14th June 2019                        | 00-05                   | 5050                                     | 500                          | 4550   |  | 407  |   |          |  |
|          | to                                    | 05-22                   | 5050                                     |                              | 4550   | 4143   | 407  |   |          |  |
|          | 15th June 2019                        | 22-24                   | 5050                                     |                              | 4550   |  | 407  |   |          |  |
|          |                                       | 00-05                   | 5050                                     |                              | 4550   |  | 407  |   |          |  |
| WR-SR    | 16th June 2019                        | 05-22                   | 5050                                     | 500                          | 4550   | 4143   | 407  |   |          |  |
|          |                                       | 22-24                   | 5050                                     |                              | 4550   |  | 407  |   |          |  |
|          | 17th June 2019                        | 00-05                   | 5050                                     |                              | 4550   |  | 407  |   |          |  |
|          | to                                    | 05-22                   | 5050                                     | 500                          | 4550   | 4143   | 407  |   |          |  |
|          | 20th June 2019                        | 22-24                   | 5050                                     |                              | 4550   |  | 407  |   |          |  |
|          | 21st June 2019                        | 00-05                   | 5550                                     | 500                          | 5050   | 4143   | 907  |   |          |  |
|          | to                                    | 05-22                   | 5550                                     |                              | 5050   |  | 907  |   |          |  |
|          | 22nd June 2019                        | 22-24                   | 5550                                     |                              | 5050   |  | 907  |   |          |  |
|          |                                       | 00-05                   | 5550                                     |                              | 5050   |  | 1009   |   |          |  |
|          | 22nd Ivna 2010                        | 05-22                   | 5550                                     | 500                          | 5050   | 4041   | 1009   |   |          |  |
|          | 23rd June 2019                        | 22-24                   | 5550                                     |                              | 5050   |  | 1009   |   |          |  |
|          | 24th June 2019                        | 00-05                   | 5550                                     |                              | 5050   |  | 1009   |   |          |  |
|          | to                                    | 05-22                   | 5550                                     | 500                          | 5050   | 4041   | 1009   |   |          |  |
|          | 30th June 2019                        | 22-24                   | 5550                                     |                              | 5050   |  | 1009   |   |          |  |
| SR-WR *  | 1st June 2019 to 30th June 2019       | 00-24                   |  |                              |  | No limit   | t is being Specified   | i.  |          |  |
|          | 1st June 2019                         | 00-06                   |  |                              |  | 2748   | 1952   |   |          |  |
|          | to                                    | 06-18                   | 4950                                     | 250                          | 4700   | 2833   | 1867   |   |          |  |
|          | 22nd June 2019                        | 18-24                   |  |                              |  | 2748   | 1952   |   |          |  |
| ER-SR    | 23rd June 2019                        | 00-06                   |  |                              |  | 2248   | 2452   |   |          |  |
|          | to                                    | 06-18                   | 4950                                     | 250                          | 4700   | 2333   | 2367   |   |          |  |
|          | 30th June 2019                        | 18-24                   |  |                              |  | 2248   | 2452   |   |          |  |
| SR-ER *  | 1st June 2019<br>to<br>30th June 2019 | 00-24                   |  | No limit is being Specified. |  |  |  |   |          |  |

Issue Date: 26th June 2019 Issue Time: 1330 hrs Revision No. 23

| Corridor      | Date                             | Time<br>Period<br>(hrs) | Total<br>Transfer<br>Capability<br>(TTC) | Reliability<br>Margin | Available<br>Transfer<br>Capability<br>(ATC) | Long Term<br>Access (LTA)/<br>Medium Term<br>Open Access<br>(MTOA) # | Margin<br>Available for<br>Short Term<br>Open Access<br>(STOA) | Changes<br>in TTC<br>w.r.t.<br>Last<br>Revision | Comments |
|---------------|----------------------------------|-------------------------|--|-----------------------|--|--|--|---|----------|
|               |                                  | 00-08                   | 1200                                     |                       | 1155   |  | 875  |   |          |
|               | 1 -4 Jan - 2010                  | 08-17                   | 1150                                     | 4.5                   | 1105   | 200  | 825  |   |          |
|               | 1st June 2019                    | 17-23                   | 1030                                     | 45                    | 985  | 280  | 705  |   |          |
|               |                                  | 23-24                   | 1150                                     |                       | 1105   |  | 825  |   |          |
|               |                                  | 00-17                   | 1200                                     |                       | 1155   |  | 875  |   |          |
|               | 02nd June 2019                   | 17-23                   | 1160                                     | 45                    | 1115   | 280  | 835  |   |          |
|               |                                  | 23-24                   | 1200                                     |                       | 1155   |  | 875  |   |          |
|               |                                  | 00-09                   | 1200                                     |                       | 1155   |  | 875  |   |          |
|               | 02-1 1 2010                      | 09-17                   | 1025                                     | 4.5                   | 980  | 200  | 700  |   |          |
|               | 03rd June 2019                   | 17-23                   | 840                                      | 45                    | 795  | 280  | 515  |   |          |
|               |                                  | 23-24                   | 1025                                     | 1                     | 980  |  | 700  |   |          |
|               |                                  | 00-08                   | 1200                                     |                       | 1155   |  | 875  |   |          |
|               | 04th June 2019                   | 08-17                   | 930                                      | 45                    | 885  | 200  | 605  |   |          |
|               |                                  | 17-23                   | 860                                      |                       | 815  | 280  | 535  |   |          |
|               |                                  | 23-24                   | 930                                      | 1                     | 885  |  | 605  |   |          |
|               | 05th June 2019 to 07th June 2019 | 00-17                   | 1200                                     | 45                    | 1155   |  | 875  |   |          |
|               |                                  | 17-23                   | 1160                                     |                       | 1115   | 280  | 835  |   |          |
|               |                                  | 23-24                   | 1200                                     | 1                     | 1155   |  | 875  |   |          |
|               |                                  | 00-08                   | 1200                                     |                       | 1155   | 280  | 875  |   |          |
| <b>ER-NER</b> | 0045 I 2010                      | 08-17                   | 1150                                     |                       | 1105   |  | 825  |   |          |
|               | 08th June 2019                   | 17-23                   | 1030                                     | 45                    | 985  |  | 705  |   |          |
|               |                                  | 23-24                   | 1150                                     | 1                     | 1105   |  | 825  |   |          |
|               |                                  | 00-17                   | 1200                                     |                       | 1155   |  | 875  |   |          |
|               | 09th June 2019                   | 17-23                   | 1160                                     | 45                    | 1115   | 280  | 835  |   |          |
|               |                                  | 23-24                   | 1200                                     |                       | 1155   |  | 875  |   |          |
|               |                                  | 00-08                   | 1200                                     |                       | 1155   |  | 875  |   |          |
|               | 10th June 2019 to                | 08-17                   | 1150                                     | 4.5                   | 1105   | 200  | 825  |   |          |
|               | 13th June 2019                   | 17-23                   | 1030                                     | 45                    | 985  | 280  | 705  |   |          |
|               |                                  | 23-24                   | 1150                                     |                       | 1105   |  | 825  |   |          |
|               |                                  | 00-17                   | 1200                                     |                       | 1155   |  | 875  |   |          |
|               | 14th June 2019                   | 17-23                   | 1160                                     | 45                    | 1115   | 280  | 835  |   |          |
|               |                                  | 23-24                   | 1200                                     |                       | 1155   |  | 875  |   |          |
|               |                                  | 00-09                   | 1200                                     |                       | 1155   |  | 875  |   |          |
|               | 15th June 2019 to                | 09-17'                  | 890                                      | 45                    | 845  | 200  | 565  |   |          |
|               | 23th June 2019                   | 17-23                   | 862                                      | 45                    | 817  | 280  | 537  |   |          |
|               |                                  | 23-24                   | 890                                      |                       | 845  |  | 565  |   |          |
|               | 24th Ivan 2010 to                | 00-17                   | 1200                                     |                       | 1155   |  | 875  |   |          |
|               | 24th June 2019 to 30th June 2019 | 17-23                   | 1160                                     | 45                    | 1115   | 280  | 835  |   |          |
|               |                                  | 23-24                   | 1200                                     |                       | 1115   |  | 875  |   |          |

Issue Date: 26th June 2019 Issue Time: 1330 hrs Revision No. 23

| Corridor             | Date                            | Time<br>Period<br>(hrs) | Total<br>Transfer<br>Capability<br>(TTC)   | Reliability<br>Margin | Available<br>Transfer<br>Capability<br>(ATC) | Long Term<br>Access (LTA)/<br>Medium Term<br>Open Access<br>(MTOA) # | Margin<br>Available for<br>Short Term<br>Open Access<br>(STOA) | Changes in TTC w.r.t. Last Revision | Comments |  |
|----------------------|---------------------------------|-------------------------|--|-----------------------|--|--|--|-------------------------------------|----------|--|
|                      |                                 | 00-08                   | 2564   |                       | 2519   | ()   | 2519   |                                     |          |  |
|                      | 1-4 Jan - 2010                  | 08-17                   | 2130   | 4.5                   | 2085   |  | 2085   |                                     |          |  |
|                      | 1st June 2019                   | 17-23                   | 1980   | 45                    | 1935   | 0  | 1935   |                                     |          |  |
|                      |                                 | 23-24                   | 2130   |                       | 2085   |  | 2085   |                                     |          |  |
|                      |                                 | 00-17                   | 2564   |                       | 2519   |  | 2519   |                                     |          |  |
|                      | 02nd June 2019                  | 17-23                   | 2390   | 45                    | 2345   | 0  | 2345   |                                     |          |  |
|                      |                                 | 23-24                   | 2564   |                       | 2519   |  | 2519   |                                     |          |  |
|                      |                                 | 00-09                   | 2564   |                       | 2519   |  | 2519   |                                     |          |  |
|                      | 02.11. 2010                     | 09-17                   | 1836   | 1 4.                  | 1791   |  | 1791   |                                     |          |  |
|                      | 03rd June 2019                  | 17-23                   | 1693   | 45                    | 1648   | 0  | 1648   |                                     |          |  |
|                      |                                 | 23-24                   | 1836   |                       | 1791   |  | 1791   |                                     |          |  |
|                      |                                 | 00-08                   | 2564   |                       | 2519   |  | 2519   |                                     |          |  |
|                      |                                 | 08-17                   | 2070   |                       | 2025   |  | 2025   |                                     |          |  |
|                      | 04th June 2019                  | 17-23                   | 1960   | 45                    | 1915   | 0  | 1915   |                                     |          |  |
|                      |                                 | 23-24                   | 2070   |                       | 2025   |  | 2025   |                                     |          |  |
|                      |                                 | 00-17                   | 2564   |                       | 2519   |  | 2519   |                                     |          |  |
|                      | 05th June 2019 to               | 17-23                   | 2390   | 45                    | 2345   | 0  | 2345   |                                     |          |  |
|                      | 07th June 2019                  | 23-24                   | 2564   | 1.5                   | 2519   |  | 2519   |                                     |          |  |
|                      |                                 | 00-08                   | 2564   |                       | 2519   |  | 2519   |                                     |          |  |
| NER-ER               | 08th June 2019                  | 08-17                   | 2130   |                       | 2085   |  | 2085   |                                     |          |  |
| IVEK-EK              |                                 | 17-23                   | 1980   | 45                    | 1935   | 0  | 1935   |                                     |          |  |
|                      |                                 | 23-24                   | 2130   |                       | 2085   |  | 2085   |                                     |          |  |
|                      |                                 | 00-17                   | 2564   |                       | 2519   |  | 2519   |                                     |          |  |
|                      | 09th June 2019                  | 17-23                   | 2390   | 45                    | 2345   | 0  | 2345   |                                     |          |  |
|                      | Optil Julie 2019                | 23-24                   | 2564   | +3                    | 2519   |  | 2519   |                                     |          |  |
|                      |                                 | 00-08                   | 2564   |                       | 2519   |  | 2519   |                                     |          |  |
|                      | 10th June 2019 to               | 08-17                   | 2130   |                       | 2085   |  | 2085   |                                     |          |  |
|                      | 13th June 2019                  | 17-23                   | 1980   | 45                    | 1935   | 0  | 1935   |                                     |          |  |
|                      | 13th June 2019                  | 23-24                   |  | -                     | 2085   |  | 2085   |                                     |          |  |
|                      |                                 | 00-17                   | 2130<br>2564   |                       | 2519   |  | 2519   |                                     |          |  |
|                      | 14th June 2019                  | 17-23                   | 2390   | 45                    | 2345   | 0  | 2345   |                                     |          |  |
|                      | 14th June 2019                  | 23-24                   | 2564   | 43                    | 2519   | . 0  | 2519   |                                     |          |  |
|                      |                                 | 00-09'                  |  |                       | 2519   |  | 2519   |                                     |          |  |
|                      | 15th June 2019 to               | 09-17'                  | 2564<br>1835   | -                     |  |  | 1790   |                                     |          |  |
|                      | 23th June 2019                  | 17-23                   |  | 45                    | 1790<br>1645                                 | 0  | 1645   |                                     |          |  |
|                      | 25th June 2019                  |                         | 1690   | -                     |  |  |  |                                     |          |  |
|                      |                                 | 23-24                   | 1835   |                       | 1790   |  | 1790   |                                     |          |  |
|                      | 24th June 2019 to               | 00-17                   | 2564   | 15                    | 2519   | 0  | 2519   |                                     |          |  |
|                      | 30th June 2019                  | 17-23                   | 2390   | 45                    | 2345   | U  | 2345   |                                     |          |  |
|                      |                                 | 23-24                   | 2564   |                       | 2519   |  | 2519   |                                     |          |  |
| W3 zone<br>Injection | 1st June 2019 to 30th June 2019 |                         | No limit is being specified (In case of any constraints appearing in the system, W3 zone export would be revised according to the system, W3 zone export would be revised according to the system. W3 zone export would be revised according to the system, W3 zone export would be revised according to the system. |                       |  |  |  |                                     |          |  |

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

- 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).

<sup>\*\*</sup>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.

#### **Simultaneous Import Capability**

| Corridor | Date   | Time<br>Period<br>(hrs) | Total<br>Transfer<br>Capability<br>(TTC) | Reliability<br>Margin | Available<br>Transfer<br>Capability<br>(ATC) | Long Term<br>Access (LTA)/<br>Medium Term<br>Open Access<br>(MTOA) | Margin<br>Available for<br>Short Term<br>Open Access<br>(STOA) | Changes<br>in TTC<br>w.r.t.<br>Last<br>Revision | Comments |
|----------|--|-------------------------|--|-----------------------|--|--|--|---|----------|
| ER       |  |                         |  |                       |  |  |  |   |          |
|          |  |                         | 17650                                    |                       | 16850  |  | 3088   |   |          |
|          |  | 00-06                   | 16700**                                  |                       | 15900**                                      |  | 3088**   |   |          |
|          | 1st June 2019<br>to<br>07th June 2019              | 06-17                   | 18900<br>17950**                         | 800                   | 18100  | 18100 13762<br>17150** 12812**                                     | 4388<br>4388**   |   |          |
|          | Orth June 2017                                     | 17-24                   | 17000                                    |                       | 16200  | 12012  | 2438   |   |          |
|          |  |                         | 17650                                    |                       | 15250**                                      |  | 2438**   |   |          |
|          |  | 00-04'                  | 04' 16700**                              |                       | 16850<br>15900**                             |  | 3088   |   |          |
|          | 08th June 2019                                     | 04-06'                  | 16000<br>15050**                         |                       | 15200<br>14250**                             |  | 1438<br>1438**   |   |          |
|          |  | 06-08                   | 17150<br>16200**                         | 800                   | 16350<br>15400**                             | 13762<br>12812**   | 2588<br>2588**   |   |          |
|          |  | 08-17                   | 17150<br>16200**                         |                       | 16350<br>15400**                             | 12812***   | 2588<br>2588**   |   |          |
|          |  | 17-24                   | 15400                                    |                       | 14600  |  | 838  |   |          |
|          |  |                         |  |                       | 16850  |  | 3088   |   |          |
| NR       | 001.7  | 00-06                   | 17650<br>16700**                         | 15900**               | 107.10                                       | 3088**   |  |   |          |
|          | 09th June 2019<br>to<br>12th June 2019             | 06-17                   | 18900<br>17950**                         | 800                   | 18100<br>17150**                             | 13762<br>12812**   | 4388<br>4388**   |   |          |
|          |  | 17-24                   | 17000<br>16050**                         |                       | 16200<br>15250**                             |  | 2438<br>2438**   |   |          |
|          |  | 00-06                   | 15000<br>14050**                         |                       | 14200<br>13250**                             |  | 438  |   |          |
|          | 13th June 2019 to                                  | 06-17                   | 16100                                    | 800                   | 15300  | 13762  | 1538   |   |          |
|          | 14th June 2019  15th June 2019  to  17th June 2019 | 17-24                   | 15150**<br>14450                         |                       | 14350**<br>13650                             | 12812**  | 1538**   |   |          |
|          |  | 00-06                   | 13500**<br>17650                         |                       | 12700**<br>16850                             |  | 0**<br>3088  |   |          |
|          |  | 06-17                   | 16700**<br>18900                         | 800                   | 15900**<br>18100                             | 13762<br>12812**   | 3088**<br>4388   |   |          |
|          |  |                         | 17950**<br>17000                         | 800                   | 17150**<br>16200                             |  | 4388**<br>2438   |   |          |
|          |  | 17-24                   | 16050**                                  |                       | 15250**                                      |  | 2438**   |   |          |

|     |                   |        | 15000            |     | 14200    |         | 438     |              |  |  |  |
|-----|-------------------|--------|------------------|-----|----------|---------|---------|--------------|--|--|--|
|     |                   | 00-06  | 13000            |     | 14200    |         | 430     |              |  |  |  |
|     |                   | 00 00  | 14050**          |     | 13250**  |         | 438**   |              |  |  |  |
|     | 10/1 1 2010       |        | 16100            |     | 15300    | 13762   | 1538    |              | -  |  |  |
|     | 18th June 2019    | 06-17  |                  | 800 |          |         |         |              |  |  |  |
|     |                   |        | 15150**          |     | 14350**  | 12812** | 1538**  |              |  |  |  |
|     |                   |        | 14450            |     | 13650    |         | 0       |              |  |  |  |
|     |                   | 17-24  |                  |     |          |         |         |              |  |  |  |
|     |                   |        | 13500**          |     | 12700**  |         | 0**     |              |  |  |  |
|     |                   | 00.06  | 17650            |     | 16850    |         | 3088    |              |  |  |  |
|     |                   | 00-06  | 16700**          |     | 15900**  |         | 3088**  |              |  |  |  |
|     | 19th June 2019    |        | 18900            |     | 18100    | 13762   | 4388    |              | -  |  |  |
|     | to                | 06-17  | 10700            | 800 | 10100    | 13702   | +300    |              |  |  |  |
|     | 26th June 2019    | 00 17  | 17950**          |     | 17150**  | 12812** | 4388**  |              |  |  |  |
|     |                   |        | 17000            |     | 16200    |         | 2438    |              | 7  |  |  |
|     |                   | 17-24  |                  |     |          |         |         |              |  |  |  |
|     |                   |        | 16050**          |     | 15250**  |         | 2438**  |              |  |  |  |
|     |                   |        | 17650            |     | 16850    |         | 3088    |              |  |  |  |
| NR  |                   | 00-06  | 4.5-00.11        |     | 4.700011 |         | •       |              |  |  |  |
|     |                   |        | 16700**          |     | 15900**  |         | 3088**  |              | -  |  |  |
|     |                   | 06-730 | 18900            |     | 18100    |         | 4388    |              |  |  |  |
|     | 27th June 2019    | 00-730 | 17950**          |     | 17150**  | 13762   | 4388**  |              | Revised due to shutdown of 765kv               |  |  |
|     | to                |        | 17500            | 800 | 16700    |         | 2938    |              | Gr.Noida-Mainpuri line on day time             |  |  |
|     | 28th June 2019    | 730-17 |                  |     |          | 12812** |         | -1400        | basis  |  |  |
|     |                   |        | 16550**          |     | 15750**  |         | 2938**  |              |  |  |  |
|     |                   |        | 15700            |     | 14900    |         | 1138    |              |  |  |  |
|     |                   | 17-24  |                  |     |          |         |         | -1300        |  |  |  |
|     |                   |        | 14750**          |     | 13950**  |         | 1138**  |              |  |  |  |
|     |                   | 00.06  | 17650            |     | 16850    |         | 3088    |              |  |  |  |
|     | 29th June 2019    | 00-06  | 1.6700**         |     | 15900**  |         | 3088**  |              |  |  |  |
|     |                   |        | 16700**<br>18900 |     | 18100    | 13762   | 4388    |              | -  |  |  |
|     | to                | 06-17  | 10700            | 800 | 10100    | 13702   | +300    |              |  |  |  |
|     | 30th June 2019    | 001,   | 17950**          |     | 17150**  | 12812** | 4388**  |              |  |  |  |
|     |                   |        | 17000            |     | 16200    |         | 2438    |              | 7  |  |  |
|     |                   | 17-24  |                  |     |          |         |         |              |  |  |  |
|     |                   |        | 16050**          |     |          |         | 15250** |              | 2438**   |  |  |
|     |                   | 00-08  | 1200             |     | 1155     |         | 875     |              | _  |  |  |
|     | 1st June 2019     | 08-17  | 1150             | 45  | 1105     | 280     | 825     |              |  |  |  |
|     | 18t Julie 2019    | 17-23  | 1030             | 43  | 985      | 200     | 705     |              |  |  |  |
|     |                   | 23-24  | 1150             |     | 1105     |         | 825     |              |  |  |  |
|     |                   | 00-17  | 1200             |     | 1155     |         | 875     |              |  |  |  |
|     | 02nd June 2019    | 17-23  | 1160             | 45  | 1115     | 280     | 835     |              |  |  |  |
|     |                   | 23-24  | 1200             | -   | 1155     |         | 875     |              |  |  |  |
|     |                   | 00-09  | 1200             |     | 1        |         | 875     |              |  |  |  |
|     |                   |        |                  |     | 1155     |         |         | -            | -  |  |  |
|     | 03rd June 2019    | 09-17  | 1025             | 45  | 980      | 280     | 700     |              | 4  |  |  |
|     |                   | 17-23  | 840              |     | 795      |         | 515     |              | 4  |  |  |
| NER |                   | 23-24  | 1025             |     | 980      |         | 700     |              |  |  |  |
|     |                   | 00-08  | 1200             |     | 1155     |         | 875     |              | _  |  |  |
|     | 0/4h I 2010       | 08-17  | 930              | A E | 885      | 200     | 605     | L            |  |  |  |
|     | 04th June 2019    | 17-23  | 860              | 45  | 815      | 280     | 535     |              | ]  |  |  |
|     |                   | 23-24  | 930              |     | 885      |         | 605     |              | 1  |  |  |
|     | 05th June 2019 to | 00-17  | 1200             |     | 1155     |         | 875     |              |  |  |  |
|     |                   | 17-23  | 1160             | 45  | 1115     | 280     | 835     | <del> </del> | 1  |  |  |
|     | 07th June 2019    |        |                  | J   |          | 200     | -       | -            | -  |  |  |
|     |                   | 23-24  | 1200             |     | 1155     |         | 875     |              | <del> </del>                                   |  |  |
|     |                   | 00-08  | 1200             |     | 1155     |         | 875     |              | 4  |  |  |
|     | 08th June 2019    | 08-17  | 1150             | 45  | 1105     | 280     | 825     |              | <b>」</b>                                       |  |  |
|     |                   | 17-23  | 1030             |     | 985      | _00     | 705     |              |  |  |  |
|     |                   | 23-24  | 1150             |     | 1105     |         | 825     |              | <u>                                       </u> |  |  |
|     | •                 | -      |                  |     | •        |         | •       | •            |  |  |  |

| 1            |                                  | 1      |       |     |      | 1    | I        | Į.       | T |
|--------------|----------------------------------|--------|-------|-----|------|------|----------|----------|---|
|              |                                  | 00-17  | 1200  |     | 1155 |      | 875      |          |   |
|              | 09th June 2019                   | 17-23  | 1160  | 45  | 1115 | 280  | 835      |          |   |
|              |                                  | 23-24  | 1200  |     | 1155 |      | 875      |          |   |
|              |                                  | 00-08  | 1200  |     | 1155 |      | 875      |          |   |
|              |                                  | 08-17  | 5050  |     | 5005 |      | 4725     |          |   |
|              |                                  | 17-23  | 5050  |     | 5005 |      | 4725     |          |   |
| NER          | 10th June 2019 to                |        | 5050  | 45  | 5005 | 280  | 4725     |          |   |
| 1,221        | 13th June 2019                   | 08-17  | 1150  | .0  | 1105 |      | 825      |          |   |
|              |                                  | 17-23  | 1030  |     | 985  |      | 705      |          |   |
|              |                                  | 23-24  | 1150  |     | 1105 |      | 825      |          |   |
|              |                                  |        |       |     |      |      |          |          |   |
|              | 144 1 2010                       | 00-17  | 1200  | 4.5 | 1155 | 290  | 875      |          |   |
|              | 14th June 2019                   | 17-23  | 1160  | 45  | 1115 | 280  | 835      |          |   |
|              |                                  | 23-24  | 1200  |     | 1155 |      | 875      |          |   |
|              |                                  | 00-09  | 1200  |     | 1155 |      | 875      |          |   |
|              | 15th June 2019 to                | 09-17' | 890   | 45  | 845  | 280  | 565      |          |   |
|              | 23th June 2019                   | 17-23  | 862   |     | 817  |      | 537      |          |   |
| NER          |                                  | 23-24  | 890   |     | 845  |      | 565      |          |   |
|              | 044 1 2010                       | 00-17  | 1200  |     | 1155 |      | 875      |          |   |
|              | 24th June 2019 to 30th June 2019 | 17-23  | 1160  | 45  | 1115 | 280  | 835      |          |   |
|              | 30th June 2019                   | 23-24  | 1200  |     | 1155 |      | 875      |          |   |
| <b>117</b> F |                                  |        |       |     |      |      |          |          |   |
| WR           |                                  |        |       |     |      |      |          |          |   |
|              | 1 . 1 2010 .                     | 00-06  | 10500 |     | 9750 | 6891 | 2859     |          |   |
|              | 1st June 2019 to 06th June 2019  | 06-18  | 10500 | 750 | 9750 | 6976 | 2774     |          |   |
|              | Ooth Julie 2019                  | 18-24  | 10500 |     | 9750 | 6891 | 2859     |          |   |
|              |                                  | 00-06  | 10000 |     | 9250 | 6891 | 2359     |          |   |
|              | 07th June 2019                   | 06-18  | 10000 | 750 | 9250 | 6976 | 2274     |          |   |
|              |                                  | 18-24  | 10000 |     | 9250 | 6891 | 2359     |          |   |
|              |                                  | 00-06  | 10000 |     | 9250 | 6891 | 2359     |          |   |
|              | 08th June 2019                   | 06-18  | 10000 | 750 | 9250 | 6976 | 2274     |          |   |
|              | ooth June 2017                   | 18-24  | 10000 | 730 | 9250 | 6891 | 2359     |          |   |
|              |                                  | 00-06  | 10000 |     | 9250 | 6891 | 2359     |          |   |
|              | 004h Ivan 2010                   |        |       | 750 |      |      |          |          |   |
|              | 09th June 2019                   | 06-18  | 10000 | 750 | 9250 | 6976 | 2274     |          |   |
|              |                                  | 18-24  | 10000 |     | 9250 | 6891 | 2359     |          |   |
|              |                                  | 00-06  | 10000 |     | 9250 | 6891 | 2359     |          |   |
|              | 10th June 2019                   | 06-18  | 10000 | 750 | 9250 | 6976 | 2274     |          | 1 |
|              |                                  | 18-24  | 10000 |     | 9250 | 6891 | 2359     |          |   |
| SR           | 11th June 2019                   | 00-06  | 10000 |     | 9250 | 6891 | 2359     |          |   |
|              | to                               | 06-18  | 10000 | 750 | 9250 | 6976 | 2274     |          |   |
|              | 13th June 2019                   | 18-24  | 10000 |     | 9250 | 6891 | 2359     |          |   |
|              | 14th June 2019                   | 00-06  | 10000 |     | 9250 | 6891 | 2359     |          |   |
|              | to                               | 06-18  | 10000 | 750 | 9250 | 6976 | 2274     |          |   |
|              | 15th June 2019                   | 18-24  | 10000 |     | 9250 | 6891 | 2359     |          |   |
|              |                                  | 00-06  | 10000 |     | 9250 | 6891 | 2359     |          |   |
|              | 16th June 2019                   | 06-18  | 10000 | 750 | 9250 | 6976 | 2274     |          | 1 |
|              |                                  | 18-24  | 10000 |     | 9250 | 6891 | 2359     |          | 1 |
|              | 17th June 2019                   | 00-06  | 10000 |     | 9250 | 6891 | 2359     |          |   |
|              | to                               | 06-18  | 10000 | 750 | 9250 | 6976 | 2274     |          | 1 |
|              | 20st June 2019                   | 18-24  | 10000 | ,50 | 9250 | 6891 | 2359     |          | 1 |
|              |                                  | 00-06  |       |     |      |      |          |          |   |
|              | 21st June 2019                   | -      | 10500 | 750 | 9750 | 6891 | 2859     |          | 1 |
|              | to                               | 06-18  | 10500 | 750 | 9750 | 6976 | 2774     |          | 1 |
|              | 22nd June 2019                   | 18-24  | 10500 |     | 9750 | 6891 | 2859     |          |   |
|              |                                  | 00-06  | 10500 |     | 9750 | 6289 | 3461     |          |   |
| <u> </u>     | Т                                |        |       | I   |      | l    | <u> </u> | <u> </u> | J |

|    | 23rd June 2019 | 06-18 | 10500 | 750 | 9750 | 6374 | 3376 |  |
|----|----------------|-------|-------|-----|------|------|------|--|
|    |                | 18-24 | 10500 |     | 9750 | 6289 | 3461 |  |
| SR | 24th June 2019 | 00-06 | 10500 |     | 9750 | 6289 | 3461 |  |
|    | to             | 06-18 | 10500 | 750 | 9750 | 6374 | 3376 |  |
|    | 30th June 2019 | 18-24 | 10500 |     | 9750 | 6289 | 3461 |  |

<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).

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)

<sup>\*\*</sup>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.

<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<br>r | Date                              | Time<br>Period<br>(hrs) | Total<br>Transfer<br>Capability<br>(TTC) | Reliability<br>Margin | Available<br>Transfer<br>Capability<br>(ATC) | Long Term<br>Access (LTA)/<br>Medium Term<br>Open Access<br>(MTOA) | Margin<br>Available for<br>Short Term<br>Open Access<br>(STOA) | Changes<br>in TTC<br>w.r.t.<br>Last<br>Revision | Comments |
|--------------|-----------------------------------|-------------------------|--|-----------------------|--|--|--|---|----------|
|              | 1st June 2019                     | 00-06                   | 4500                                     |                       | 3800   | 388  | 3412   |   |          |
| NR*          | to                                | 06-18                   | 4500                                     | 700                   | 3800   | 553  | 3247   |   |          |
|              | 30th June 2019                    | 18-24                   | 4500                                     |                       | 3800   | 388  | 3412   |   |          |
|              |                                   | 00-08                   | 2564                                     |                       | 2519   |  | 2519   |   |          |
|              | 1st June 2019                     | 08-17                   | 2130                                     | 45                    | 2085   | 0  | 2085   |   |          |
|              | 18t Julie 2019                    | 17-23                   | 1980                                     | 43                    | 1935   | U  | 1935   |   |          |
|              |                                   | 23-24                   | 2130                                     |                       | 2085   |  | 2085   |   |          |
|              |                                   | 00-17                   | 2564                                     |                       | 2519   |  | 2519   |   |          |
|              | 02nd June 2019                    | 17-23                   | 2390                                     | 45                    | 2345   | 0  | 2345   |   |          |
|              |                                   | 23-24                   | 2564                                     |                       | 2519   |  | 2519   |   |          |
|              |                                   | 00-09                   | 2564                                     | 45                    | 2519   |  | 2519   |   |          |
|              | 03rd June 2019                    | 09-17                   | 1836                                     |                       | 1791   | 0  | 1791   |   |          |
|              | Osta June 2019                    | 17-23                   | 1693                                     |                       | 1648   | 0  | 1648   |   |          |
|              |                                   | 23-24                   | 1836                                     |                       | 1791   |  | 1791   |   |          |
|              |                                   | 00-08                   | 2564                                     | 45                    | 2519   |  | 2519   |   |          |
|              | 04th June 2019                    | 08-17                   | 2070                                     |                       | 2025   | 0  | 2025   |   |          |
|              | 04th June 2019                    | 17-23                   | 1960                                     | 45                    | 1915   |  | 1915   |   |          |
| NER          |                                   | 23-24                   | 2070                                     |                       | 2025   |  | 2025   |   |          |
|              | 05th June 2019                    | 00-17                   | 2564                                     |                       | 2519   |  | 2519   |   |          |
|              | to                                | 17-23                   | 2390                                     | 45                    | 2345   | 0  | 2345   |   |          |
|              | 07th June 2019                    | 23-24                   | 2564                                     |                       | 2519   |  | 2519   |   |          |
|              |                                   | 00-08                   | 2564                                     |                       | 2519   |  | 2519   |   |          |
|              | 08th June 2019                    | 08-17                   | 2130                                     | 45                    | 2085   | 0  | 2085   |   |          |
|              | Oour June 2019                    | 17-23                   | 1980                                     | ] 43                  | 1935   | U  | 1935   |   |          |
|              |                                   | 23-24                   | 2130                                     |                       | 2085   |  | 2085   |   |          |
|              |                                   | 00-17                   | 2564                                     |                       | 2519   |  | 2519   |   |          |
|              | 09th June 2019  10th June 2019 to | 17-23                   | 2390                                     | 45                    | 2345   | 0  | 2345   |   |          |
|              |                                   | 23-24                   | 2564                                     |                       | 2519   |  | 2519   |   |          |
|              |                                   | 00-08                   | 2564                                     |                       | 2519   |  | 2519   |   |          |
|              |                                   | 08-17                   | 2130                                     | 15                    | 2085   | 0  | 2085   |   |          |
|              |                                   | 17-23                   | 1980                                     | 45                    | 1935   | U  | 1935   |   |          |
|              |                                   | 23-24                   | 2130                                     |                       | 2085   |  | 2085   |   |          |

|       |                                  | 00-17  | 2564 |    | 2519 |         | 2519              |      |  |
|-------|----------------------------------|--------|------|----|------|---------|-------------------|------|--|
|       | 14th June 2019                   | 17-23  | 2390 | 45 | 2345 | 0       | 2345              |      |  |
|       |                                  | 23-24  | 2564 |    | 2519 |         | 2519              |      |  |
|       |                                  | 00-09' | 2564 |    | 2519 |         | 2519              |      |  |
| NIED  | 15th June 2019                   | 09-17' | 1835 | 45 | 1790 | 0       | 1790              |      |  |
| NER   | 23th June 2019<br>24th June 2019 | 17-23  | 1690 |    | 1645 |         | 1645              |      |  |
|       |                                  | 23-24  | 1835 |    | 1790 |         | 1790              |      |  |
|       |                                  | 00-17  | 2564 |    | 2519 | 0       | 2519              |      |  |
|       | to                               | 17-23  | 2390 | 45 | 2345 |         | 2345              |      |  |
|       | 30th June 2019                   | 23-24  | 2564 |    | 2519 |         | 2519              |      |  |
| WR    |                                  |        |      |    |      |         |                   |      |  |
| VV IX |                                  |        |      |    |      |         |                   |      |  |
| SR *  | 1st June 2019 to 30th June 2019  | 00-24  |      |    |      | No limi | t is being Specif | ied. |  |

<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)**

|                      | 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 to 23                 |
| WR-NR                | n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Agra (PG) will lead to overloading of the second ICT  | Rev-0 to 5                  |
| WK-NK                | n-1 contingency of 765 kV Aligarh - Jhatikara Line will lead to overlaoding of 765 kV Aligarh - Gr. Noida Line  | Rev-6 to 23                 |
| NR-ER                | (n-1) contingency of 400 kV Saranath-Pusauli  | Rev-0 to 23                 |
| 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 23                 |
| WR-SR                | n-1 contingency of 2x315 MVA, 400/220 kV ICTs at Mardam will lead to overloading of the second ICT  | Rev-0 to 23                 |
| 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 to 23                 |
| SR                   | Low Voltage at Gazuwaka (East) Bus.   | Rev-0 to 23                 |
|                      | 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 6                  |
| ER-NER               | <ul><li>a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa</li><li>b. High Loading of 220 kV Samaguri- Sonabil-II (200 MW)</li></ul> | Rev-7-9,11,13-15,17-<br>23  |
|                      | a. 400 kV Bongaigaon - Azara TL<br>kV Salakati -BTPS D/C(200 MW)  | Rev-10                      |
|                      | a. (n-1) contingency of 400Misa-Balipara-1<br>b. High Loading of 220 kV Samaguri- Sonabil-II (200 MW)   | Rev-12,16                   |
|                      | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa b. High loading of 220 kV Balipara-Sonabil line(200 MW)                           | Rev-0 to 6                  |
| NER-ER               | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa b. High Loading of 220 kV Samaguri- Sonabil-II (200 MW)                           | Rev-7-9,11,13-15,17-<br>23  |
| NEK-EK               | a. 400 kV Bongaigaon - Azara TL<br>kV Samaguri- Sonabil-II (200 MW)   | Rev-10                      |
|                      | a. (n-1) contingency of 400Misa-Balipara-1<br>b. High Loading of 220 kV Samaguri- Sonabil-II (200 MW)   | Rev-12,16                   |
| W3 zone<br>Injection |   | Rev-0 to 23                 |

### **Limiting Constraints (Simultaneous)**

|        |        | (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 to 23                 |
| NR     | •      | n-1 contingency of 2x1500 MVA, 765/400 kV ICTs at Agra (PG) will lead to overloading of the second ICT  | Rev-0 to 5                  |
|        |        | n-1 contingency of 765 kV Aligarh - Jhatikara Line will lead to overlaoding of 765 kV Aligarh - Gr. Noida Line  | Rev-6 to 23                 |
|        | Export | (n-1) contingency of 400kV Zerda-Bhinmal and (n-1) contingency of 220kV Bhanpura-Modak.   | Rev-0 to 23                 |
|        | Export | (n-1) contingency of 400 kV Saranath-Pusauli  | Kev 0 to 23                 |
|        |        | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa  | Rev-0 to 6                  |
|        |        | b. High loading of 220 kV Balipara-Sonabil line(200 MW)   |                             |
|        |        | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa   | Rev-7-9,11,13-15,17-        |
|        | Import | b. High Loading of 220 kV Samaguri- Sonabil-II (200 MW)   | 23                          |
|        | Import | a. 400 kV Bongaigaon - Azara TL b. High Loading of 220  | Rev-10                      |
|        |        | kV Salakati -BTPS D/C(200 MW)   | KCV-10                      |
|        |        | a. (n-1) contingency of 400Misa-Balipara-1  | Rev-12,16                   |
| NER    |        | b. High Loading of 220 kV Samaguri- Sonabil-II (200 MW)   | RCV-12,10                   |
| 111211 |        | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa   | Rev-0 to 6                  |
|        |        | b. High loading of 220 kV Balipara-Sonabil line(200 MW)   |                             |
|        |        | a. (n-1) contingency of 400/220 kV, 2x315 MVA ICTs at Misa results in high loading of other ICT at Misa   | Rev-7-9,11,13-15,17-        |
|        | Export | b. High Loading of 220 kV Samaguri- Sonabil-II (200 MW)   | 23                          |
|        | Laport | a. 400 kV Bongaigaon - Azara TL b. High Loading of  | Rev-10                      |
|        |        | 220 kV Samaguri- Sonabil-II (200 MW)  | 100 10                      |
|        |        | a. (n-1) contingency of 400Misa-Balipara-1  | Rev-12,16                   |
|        |        | b. High Loading of 220 kV Samaguri- Sonabil-II (200 MW)   | ,                           |
|        |        | n-1 contingency of 2x315 MVA, 400/220 kV ICTs at Mardam will lead to overloading of the second ICT  | Rev-0 to 23                 |
| 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 to 23                 |
|        |        | Low Voltage at Gazuwaka (East) Bus.   | Rev-0 to 23                 |

Issue Date: 16th June 2019 Issue Time: 1300 hrs

| Revision | Date of         | Period of             | Reason for Revision/Comment   | Corridor Affected                  |
|----------|-----------------|-----------------------|---|------------------------------------|
| No       | Revision        | Revision  Whole Month | Operationalization of 87 MW LTA from Teesta - III HEP to Rajasthan  | ER-NR/Import of NR                 |
| 1        | 07th Mar 2019   |                       | Operationalization of 50 MW LTA from Orange Sirong Wind Power   | WR-NR/Import of NR                 |
|          |                 |                       | Limited (OSWPPL) to Haryana Operationalization of the following LTAs:-  | WR-NR/Import of NR                 |
| 2        | 28th Mar 2019   | Whole Month           | a) Tuticorin - Mytrah Power to UPPCL, Uttar Pradesh - 51.84 MW  | •                                  |
|          |                 |                       | Allocation of 40 MW power from Mouda Stg-II to Assam  | ER-NER/Import of NER               |
| 3        | 05th April 2019 | Whole Month           | <ul> <li>a) Operationalization of 25.74 MW LTA from Tuticorin Mytrah Power to Assam.</li> <li>b) Operationalization of 5 MW LTA from Rajasthan (Solar Power) to Assam.</li> <li>c) Completion of the period of allocation of 40 MW power from Mouda Stg-II to Assam.</li> </ul>   | ER-NER/Import of NER               |
| 4        | 28th April 2019 | Whole Month           | a) Operationalization of 73.75 MW LTA to DMRC from Rewa UMSP - ACME Power (29.5 MW), Arinsun Power (29.5 MW) and Mahindra Power (14.75 MW) b) Change in LTA from KSK Mahanadi to UP from 750 MW to 950 MW c) Change in LTA from Tuticorin - Mytrah Power to UP from 51.84 MWto 74.82 MW d) Change in LTA from Tuticorin - Orange Power to Haryana from 50 MW to 100 MW e) Change in LTA from Ostro Kutch Wind Private Limited to UP from 90.2 MW to 100 MW  | WR-NR/Import of NR                 |
|          |                 |                       | Change in LTA from Tutitorin Mytrah Power to Assam from 25.74 MW to 37.4 MW   | ER-NER/Import of NER               |
|          |                 |                       | a) Change in MTOA from KSK Mahanadi to AP from 400 MW to 150 MW<br>b) Operationalization of 13.65 MW MTOA NSPCL to SAIL, Salem (TN)   | WR-SR/Import of SR                 |
| 5        | 24th May 2019   | Whole Month           | Change in LTA quantum from Tuticorin Mytrah Power to Assam from 37.4 MW to 50 MW  | ER-NER/Import of NER               |
| 6        | 28th May 2019   | Whole Month           | a) Operationalization of 23.2 MW LTA from RPL-SECI-II (RE) to Punjab. b) Operationalization of 23.2 MW LTA from RPL-SECI-II (RE) to UP. c) Change in LTA quantum from Mytrah Power to UP from 75 MW to 100 MW. d) Change in LTA quantum from KSK Mahanadi to UP from 950 MW to 820 MW. e) Change in LTA quantum from ACME - RUMS to DMRC from 30 to 33 MW. f) Change in LTA quantum from ARINSUN - Rewa UMSP to DMRC from 30 to 33 MW. g) Change in LTA quantum from Mahindra - Rewa UMSP to DMRC from 15 to 7.75 MW. | WR-NR/Import of NR                 |
|          |                 |                       | a) Change in MTOA quantum from KSK Mahanadi to AP from 150 MW to 340 MW. b) Change in LTA quantum from KSK Mahanadi to TN from 500 MW to 440 MW. c) Completion of 200 MW MTOA from JPL -II to TN.   | WR-SR/Import of SR                 |
| 7        | 30th May 2019   | Whole Month           | Change in load - generation balance in NER  | ER-NER and Import/Export of NER    |
| 8        | 31st May 2019   | 1st June 2019         | Revised due to shutdown of 400kV Misa-Balipara-2 line.  | ER-NER and Import/Export<br>of NER |
| 9        | 02nd June 2019  | 03rd June 2019        | Revised due to shutdown of 400kV 315MVA ICT-2 at Misa SS.   | ER-NER and Import/Export of NER    |
| 10       | 03rd June 2019  | 04th June 2019        | Revised due to Shutdown of 400 kV Bongaigaon - Byrnihat TL with LR  | ER-NER and Import/Export of NER    |
| 11       | 06th June 2019  | 07th June 2019        | Revised due to forced outage of Pole-2 at HVDC Bhadravathi  | WR-SR/Import of SR                 |

| 12 | 07th June 2019 | 08th June 2019  | Revised due to Emergency shutdown of HVDC Champa-Kurukshetra pole-  | WR-NR/Import of NR                 |
|----|----------------|---|---|------------------------------------|
|    |                | 08th June 2019<br>&<br>10th June 2019<br>to<br>13th June 2019 | Revised due to shutdown of 400kV Misa-Balipara-2 line.  | ER-NER and Import/Export<br>of NER |
|    |                | 08th June 2019  | Revised due to forced outage of Pole-2 at HVDC Bhadravathi  | WR-SR/Import of SR                 |
| 13 | 08th June 2019 | 09th June 2019  | Revised due to forced outage of Pole-2 at HVDC Bhadravathi  | WR-SR/Import of SR                 |
| 14 | 09th June 2019 | 10th June 2019  | Revised due to forced outage of Pole-2 at HVDC Bhadravathi  | WR-SR/Import of SR                 |
| 15 | 10th June 2019 | 11th June 2019<br>to<br>13th June 2019                        | Revised due to forced outage of Pole-2 at HVDC Bhadravathi  | WR-SR/Import of SR                 |
| 16 | 12th June 2019 | 13th June 2019<br>to 14th June<br>2019                        | Revised in anticipation of tripping of HVDC Mundra-Mohindergarh Bipole during cyclone "VAYU"  | WR-NR/Import of NR                 |
|    |                | 14th June 2019<br>to 15th June<br>2019                        | Revised due to Forced outage of Block-2 at HVDC Bhadravathi   | WR-SR/Import of SR                 |
| 17 | 13th June 2019 | 15th June 2019<br>to 23rd June<br>2019                        | Revised due to shutdown of 400/220 kV, 500 MVA ICT-1 at Misa SS   | ER-NER and Import/Export<br>of NER |
| 18 | 15th June 2019 | 16th June 2019  | Revised due to Forced outage (Extended) of HVDC Bhadravati Block-2  | WR-SR/Import of SR                 |
| 19 | 16th June 2019 | 17th June 2019<br>to 23rd June<br>2019                        | Revised due to Forced outage (Extended) of HVDC Bhadravati Block-2  | WR-SR/Import of SR                 |
| 20 | 17th June 2019 | 18th June 2019  | Revised in anticipation of tripping of HVDC Mundra-Mohindergarh Bipole during cyclone "VAYU"  | WR-NR/Import of NR                 |
| 21 | 20th June 2019 | 21st June 2019<br>to 23rd June<br>2019                        | Revised due to revival of Block-2 at HVDC Bhadravathi   | WR-SR/Import of SR                 |
| 22 | 21st June 2019 | 23rd June 2019<br>to 30th June<br>2019                        | Revised STOA margin due to: (a) Annual maintenance of 500 MW Talcher Stage 2 Unit #3 (b) Revised MTOA from KSK to Andhra Pradesh to 38.5 MW from earlier 340 MW (c) Revised MTOA from Jindal Power to Tamilnadu to 200 MW | WR-SR/ER-SR/Import of SR           |
| 23 | 26th June 2019 | 27th June 2019<br>to 28th June<br>2019                        | Revised due to shutdown of 765kv Gr.Noida-Mainpuri line on day time basis   | WR-NR/Import of NR                 |

| ASSUN | MPTIONS IN BASECASE        |                |                  |                 |               |
|-------|----------------------------|----------------|------------------|-----------------|---------------|
|       |                            |                |                  | Month : June'19 |               |
| S.No. | Name of State/Area         | Load           |                  | Generation      |               |
|       |                            | Peak Load (MW) | Off Peak Load (I | MW) Peak (MW)   | Off Peak (MW) |
| I     | NORTHERN REGION            |                |                  |                 |               |
| 1     | Punjab                     | 9674           | 9921             | 4554            | 4420          |
| 2     | Haryana                    | 8100           | 8297             | 1804            | 1804          |
| 3     | Rajasthan                  | 11941          | 11831            | 8923            | 8923          |
| 4     | Delhi                      | 6316           | 6647             | 860             | 860           |
| 5     | Uttar Pradesh              | 17366          | 15270            | 8505            | 8514          |
| 6     | Uttarakhand                | 2120           | 2162             | 1058            | 911           |
| 7     | Himachal Pradesh           | 1604           | 1349             | 836             | 769           |
| 8     | Jammu & Kashmir            | 2659           | 2384             | 812             | 1286          |
| 9     | Chandigarh                 | 346            | 292              | 0               | 0             |
| 10    | ISGS/IPPs                  | 29             | 29               | 21041           | 18890         |
|       | Total NR                   | 60155          | 58182            | 48393           | 46376         |
|       |                            |                |                  |                 |               |
| II    | EASTERN REGION             |                |                  |                 |               |
| 1     | Bihar                      | 4369           | 3260             | 208             | 164           |
| 2     | Jharkhand                  | 1296           | 889              | 389             | 267           |
| 3     | Damodar Valley Corporation | 2757           | 2851             | 5367            | 3602          |
| 4     | Orissa                     | 4183           | 3555             | 3020            | 1906          |
| 5     | West Bengal                | 8554           | 5927             | 6226            | 4108          |
| 6     | Sikkim                     | 100            | 93               | 0               | 0             |
| 7     | Bhutan                     | 197            | 197              | 1018            | 1097          |
| 8     | ISGS/IPPs                  | 294            | 294              | 11522           | 8973          |
|       | Total ER                   | 21750          | 17066            | 27750           | 20117         |
| 111   | WESTERN REGION             |                |                  |                 |               |
| 111   |                            | 47040          | 45000            | 44007           | 11000         |
| 1     | Maharashtra                | 17042          | 15322            | 11227           | 11269         |
| 2     | Gujarat                    | 14986          | 14971            | 8552            | 8555          |
| 3     | Madhya Pradesh             | 7796           | 7505             | 3567            | 4645          |
| 4     | Chattisgarh                | 3372           | 3000             | 1905            | 2553          |
| 5     | Daman and Diu              | 320            | 307              | 0               | 0             |
| 6     | Dadra and Nagar Haveli     | 752            | 754              | 0               | 0             |
| 7     | Goa-WR                     | 485            | 342              | 0               | 0             |
| 8     | ISGS/IPPs                  | 4397           | 4235             | 40908           | 36436         |
|       | Total WR                   | 49150          | 46437            | 66159           | 63460         |

| 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       | 8942           | 6902            |      | 5919       | 4357          |
| 2     | Telangana            | 8337           | 6461            |      | 4431       | 3591          |
| 3     | Karnataka            | 7500           | 5000            |      | 4716       | 4025          |
| 4     | Tamil Nadu           | 15200          | 13901           |      | 8036       | 6573          |
| 5     | Kerala               | 3706           | 2226            |      | 1459       | 192           |
| 6     | Pondy                | 358            | 358             |      | 0          | 0             |
| 7     | Goa-SR               | 70             | 70              |      | 0          | 0             |
| 8     | ISGS/IPPs            | 0              | 0               |      | 13977      | 12028         |
|       | 17th June 2019       |                |                 |      |            |               |
|       | to                   | 44113          | 5050            |      | 38539      | 30766         |
|       | 23th June 2019       | 44113          | 5050            |      | 30339      | 30700         |
| V     | NORTH-EASTERN REGION |                | 5050            |      |            |               |
| V     | 24th June 2019       |                | 3030            |      |            |               |
|       | to                   |                |                 |      |            |               |
|       | 30th June 2019       | 44113          | 34918           |      | 38539      | 30766         |
|       |                      |                |                 |      |            |               |
| V     | NORTH-EASTERN REGION |                |                 |      |            |               |
| 1     | Arunachal Pradesh    | 132            | 64              |      | 0          | 0             |
| 2     | Assam                | 1729           | 1280            |      | 235        | 192           |
| 3     | Manipur              | 179            | 85              |      | 0          | 0             |
| 4     | Meghalaya            | 286            | 218             |      | 272        | 246           |
| 5     | Mizoram              | 101            | 69              |      | 64         | 8             |
| 6     | Nagaland             | 121            | 83              |      | 21         | 12            |
| 7     | Tripura              | 246            | 151             |      | 77         | 77            |
| 8     | ISGS/IPPs            |                | 85              |      |            | 2035          |
|       | Total NER            | 2954           | 2035            |      | 2902       | 2570          |
|       |                      |                |                 |      |            |               |
|       | Total All India      | 178946         | 159463          |      | 185285     | 164747        |