

**Natioanl Load Despatch Centre, New Delhi**  
**Transfer Capability between S1- (S2&S3) for December 2018**

Issue Date: 29/11/2018

Issue Time: 1600 Hrs

Revision No. 1

| Date  | Time Period in IST (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 December 2018 to 18th December 2018               | 00 - 24  | 7870                            | 450                | 7420                                | 3451   | 3969   | -720                                | (i) Revised TTC due to (a) Karamadai Low voltage problem and (b) Approved unit outages in 149th OCCM<br>(ii) Revised STOA margins due to relinquishment of Ind Bharath LTA |
| 19th December 2018 to 24th December 2018              | 00 - 24  | 7870                            | 450                | 7420                                | 3639   | 3781   | -720                                |  |
| 25th December 2018 to 31st December 2018              | 00 - 24  | 7870                            | 450                | 7420                                | 3721   | 3699   | -720                                |  |
| Limiting Constraints (any one or combination thereof) | i. (n-1) of one line of 400kV Mettur – Karamadai will lead to Low Voltage at 400kV Karamadai SS  |                                 |                    |                                     |  |  |                                     |  |
|   | ii. (n-1) of 765/400kV ICT at Tiruvalum.   |                                 |                    |                                     |  |  |                                     |  |
|   | iii. (n-1) contingency of one circuit of 400 kV Hosur - Salem will lead to overloading of the other circuit                                  |                                 |                    |                                     |  |  |                                     |  |
|   | iv. (n-1) contingency of one circuit of 400 kV Kolar-Hosur will lead to overloading of the other circuit                                     |                                 |                    |                                     |  |  |                                     |  |
|   | v. (n-1) contingency of one circuit of 400 kV Udumalpet-Palakkad will lead to overloading of the other circuit                               |                                 |                    |                                     |  |  |                                     |  |
|   | vi. Low Voltage in Kerala (S3)   |                                 |                    |                                     |  |  |                                     |  |
| Note-1  | S1 comprises Andhra Pradesh, Telangana and Karnataka and Goa(SR); S2 comprises Tamil Nadu and Pondicherry; S3 comprises Kerala               |                                 |                    |                                     |  |  |                                     |  |
| Note-2  | (n-1) contingency of 400/220 ICT at Kozhikode is not considered while assessing TTC because of the radial nature of load in North Kerala and |                                 |                    |                                     |  |  |                                     |  |

**Natioanal Load Despatch Centre, New Delhi**  
**Transfer Capability for Import of S3 for December 2018**

| Date   | Time Period in IST (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 December 2018 to 18th December 2018      | 00-24   | 3010                            | 90                 | 2920                                | 2643   | 277  | -50                                 | (i) Revised TTC due to change in LGBR and network condition<br>(ii) Revised STOA margins due to approved unit outages in 149th OCCM |
| 1st December 2018 to 18th December 2018      | 00-24   | 3010                            | 90                 | 2920                                | 2699   | 221  | -50                                 |   |
| 19th December 2018 to 24th December 2018     | 00-24   | 3010                            | 90                 | 2920                                | 2717   | 203  | -50                                 |   |
| Limiting Constraint (any one or combination) | i. (n-1) contingency of one ckt of 400kV Udumalpet - Palakkad will lead to overloading of the other circuit *<br>ii. Low Voltage in Kerala (S3)     |                                 |                    |                                     |  |  |                                     |   |
| Note-1                                       | S1 comprises Andhra Pradesh, Telangana and Karnataka and Goa(SR); S2 comprises Tamil Nadu and Pondicherry; S3 comprises Kerala                      |                                 |                    |                                     |  |  |                                     |   |
| Note-2                                       | (n-1) contingency of 400/220 ICT at Kozhikode is not considered while assessing TTC because of the radial nature of load in North Kerala and System |                                 |                    |                                     |  |  |                                     |   |

**National Load Despatch Centre**  
**Transfer Capability between S1- (S2&S3) for December 2018**  
**Transfer Capability for Import of S3 for December 2018**

| <b>Revision No</b> | <b>Date of Revision</b> | <b>Period of Revision</b> | <b>Reason for Revision</b>  | <b>Corridor</b> |
|--------------------|-------------------------|---------------------------|---|-----------------|
| 1                  | 29th Nov<br>2018        | Whole Month               | (i) Revised TTC due to<br>(a) Karamadai Low voltage problem and (b)<br>Approved unit outages in 149th OCCM<br>(ii) Revised STOA margins due to<br>relinquishment of Ind Bharath LTA | S1-(S2nS3)      |
|                    |                         |                           | (i) Revised TTC due to change in LGBR and<br>network condition<br>(ii) Revised STOA margins due to approved<br>unit outages in 149th OCCM   | Import of S3    |

## Outages of ISGS/CGS Stations approved in 149 OCC held or

| SL. No       | Station Name           | Cap. in MW | From      | To               | No. Of days.      |
|--------------|------------------------|------------|-----------|------------------|-------------------|
| <b>NPCIL</b> |                        |            |           |                  |                   |
| 1            | KKNPP U1, Kudankulam   | 1000       | 1-Aug-18  | 17-Nov-18        | 109               |
| 2            | Kaiga Stage I, Unit 1  | 220        | 25-Nov-18 | 24-Dec-18        | 30                |
| 3            | MAPS, Kalpakkam Unit 1 | 220        | 30-Jan-18 | Till March, 2019 | Full Year 2018-19 |
| 4            | MAPS, Kalpakkam Unit 2 | 220        | 20-Nov-18 | 14-Jan-19        | 54                |
|              |                        |            |           |                  |                   |
|              |                        |            |           |                  |                   |
| <b>NTPC</b>  |                        |            |           |                  |                   |

|                      |                                      |     |                            |           |    |
|----------------------|--------------------------------------|-----|----------------------------|-----------|----|
| 1                    | NTPC Simhadri - Unit 1               | 500 | <b>Deferred to 2019-20</b> |           |    |
| 2                    | RSTPS, Ramagundam -7<br>(Stage - II) | 500 | 14-Nov-18                  | 18-Dec-18 | 35 |
| 3                    | Kudgi, NTPC Unit - 1                 | 800 | 10-Feb-19                  | 16-Feb-19 | 7  |
| <b>NTECL, Vallur</b> |                                      |     |                            |           |    |
| 1                    | No planned maintenance<br>schedule   |     |                            |           |    |
| <b>NLC</b>           |                                      |     |                            |           |    |
| 1                    | Neyvely TS I - Unit 6                | 50  | 21-Nov-18                  | 10-Dec-18 | 20 |
| 2                    | Neyvely TS I - Unit 9                | 100 | 1-Nov-18                   | 20-Nov-18 | 20 |

|   |                    |     |           |           |    |
|---|--------------------|-----|-----------|-----------|----|
| 3 | NLC TS II - Unit 1 | 210 | 20-Oct-18 | 15-Nov-18 | 27 |
| 4 | NLC TS II - Unit 3 | 210 | 27-Nov-18 | 3-Dec-18  | 7  |
| 5 | NLC TS I - Unit 4  | 50  | 11-Dec-18 | 30-Dec-18 | 20 |

**NTPL**

|   |  |     |                      |           |     |
|---|--|-----|----------------------|-----------|-----|
| 1 | NIL                                    |     |                      |           |     |
|   |  |     | <b>MPPs / IPPs</b>   |           |     |
| 1 | Meenakshi Energy Limited (MEL), Unit 1 | 150 | 1-Nov-18             | 21-Nov-18 | 21  |
| 2 | Meenakshi Energy Limited (MEL), Unit 2 | 150 | 1-Dec-18             | 21-Dec-18 | 21  |
| 3 | SEL, Simhapuri, Phase I : Unit 2       | 150 | 1-Nov-18             | 30-Nov-18 | 30  |
| 4 | SEL, Simhapuri, Phase II : Unit 2      | 150 | 1-Jan-19             | 6-Jan-19  | 6   |
| 5 | SembCorp (NCCL) Ltd - SGPL, Unit 1     | 660 | Postponed to 2019-20 |           |     |
| 6 | SEIL (TPCIL) , Unit 2                  | 660 | 8-Oct-18             | 15-Jan-19 | 100 |

12th November, 2018

Remarks

KKNPP vide their letter dated 20.10.2018 informed that unit will be revived on 15.11.2018. Further in the 149 OCC Meeting, it was informed by KKNPP that unit will be revived on 17.11.2018

144 OCC : 1/7 - 14/8.

145 OCC : Postponed to November, 2018

148 OCC : Forum expressed to adhere to the previous schedule of 1/11-30/11, KGS informed that unit outage is likely to be availed on 25/11/2018

(Kaiga will inform the revised date, if any on 15.11.2018)

Unit 1 is under shutdown to investigate the reason for high Tritium DAC in South Feeder Cabinet and in Calandria Vault. As per 173 LGBR Data, this unit will be out for the full year 2018-19

MAPS informed in 148 OCC that Unit will be revived within 2 months

Original Plan : 10/5 - 30/6, to avail after revival of MAPS Unit 1. But, Unit 1 was not likely to be revived shortly

173 LGBR : Oct - Nov, 2018

148 OCC : 54 days 20/11 - 14/01. OCC expressed to take out this unit after revival of MAPS unit 1 and revival of KKNPP unit 1

| Meeting Date ↓ | 149                 | Proposed =                       | Outages of IS<br>OCC to be                        |
|----------------|---------------------|----------------------------------|---|
| OCC on         | 12th November, 2018 | Approved =                       | Outages of IS<br>OCC h                            |
| VC on          | 09th November, 2018 | Proposed Lines                   | List of Shut [ Conference to w.r.t. Transm        |
|                |                     | Approved Lines                   | List of Shut [ Conference h Transmiss             |
|                |                     | Proposed Elements                | List of Sh[ Video C November, ; ICTs, Reacto Outa |
|                |                     | Approved Elements                | List of Sh[ Video Con 2018 for [ Reactor, H Outa  |
|                |                     | Proposed Inter Regional Elements | List of Shut [ Conference to w.r.t. Inter F       |
|                |                     | Proposed Inter Regional          | List of Shut [ Conference to                      |

**O/H (Boiler Modification+Captal+Gen)**  
**Original Plan** : 45 days (10/6 - 24/7) 143 OCC  
**Rev 1** : 144 OCC (25/8 - 8/10)  
**Rev 2** : 145 OCC Nov - Dec, 2018  
**Rev 3** : 146 OCC , 15/11 - 29/12  
**Rev 4** : 147 OCC revised to 01/11 - 15/12 for 45 days  
**148 OCC & 174 LGBR data** : 01/11 - 15/12 for 45 days  
**Rev 5** : Deferred to 2019-20 (NTPC Letter dt 29.10.2018)  
 (States suggested to avail along with Lines)

**O/H (Boiler & Aux, HPT/IPT) Original Plan (09/11 - 13/12)**  
**Rev 1 (174 LGBR Data) : Postponed to 14/11 - 18/12 from 09/11**  
**NTPC : OH Postponed to allow the Unit-5 stabilisation for 10 days after OH**

**Original Plan : Boiler License renewal**  
**148 OCC expressed that outage may be preponed to avail before Pongal or to postpone after 2018-19**  
**(Confirmed by NTPC vide 174 LGBR Data and in 149 OCC)**

**Original AOH for 5/12 - 24/12 was preponed in 147 OCC**

**Original AOH Plan : 10/11 - 29/11, revised in 173 LGBR / 148 OCC to 12/12 - 31/12 is further revised in 149 OCC**

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Approved Inter Regional Elements | List of Shut [ Conference h Inter Reg |
| Other Region                     | Outages of [ the 149th OC             |
| Other Region                     | Outages of [ the 149th OC             |



**Original AOH Plan : 06/09 - 05/10**  
**Rev 1 : 09/09 - 08/10 (173 LGBR)**  
**Rev 2 : Postponed in 147 OCC to December, 2018**  
**Rev 3 : Postponed in 148 OCC to avail after May, 2019**  
**Rev 4 : Unit was taken out of bars due to Forced Outage (Bottom Ash handling Equipment B/D) and converted into Planned Outage for 25 days (NLC Letter dated 20.10.2018)**

**Original AOH Plan : 06/11 - 30/11**  
**Rev 1 : 28/11 - 22/12 (173 LGBR)**  
**Only Boiler Lic Renewal**  
**Rev 2 : 27/11 - 3/12 (148 OCC)**

**Maintenance Work**

**AOH, 174 LGBR data**

**AOH, 173 LGBR data**

**Boiler+IBR Inspection + Aux.Maint + COH of STG**

**Boiler Furnace Gen Inspection**

**AOH (Original Plan 1/11 - 15/11)  
Postponed to 2019-20**

**AOH (Original Plan) : 1/12 - 12/12**  
**Unit is under forced outage since 08.10.2018 and expected in the middle of January, 2019**  
**Generator is to be replaced**

5GS/CGS Stations proposed in 149  
e held on 12th November, 2018

5GS/CGS Stations approved in 149  
eld on 12th November, 2018

Down proposed in 149 OCC Video  
o be held on 09th November, 2018  
ission Line Outage from Different  
Agencies

Down approved in 149 OCC Video  
held on 09th November, 2018 w.r.t.  
sion Line Outage from Different  
Agencies

ut Downs proposed in 149 OCC  
onference to be held on 09th  
2018 for Transmission elementes  
or, HVDC, FACTS, FSCs, SVCs etc  
ge from Different Agencies

ut Downs approved in 149 OCC  
ference held on 09th November,  
Transmission elementes ICTs,  
HVDC, FACTS, FSCs, SVCs etc  
ge from Different Agencies

Down proposed in 149OCC Video  
o be held on 09th November, 2018  
Regional Transmission Lines and  
Elements

Down proposed in 149 OCC video  
o be held on 09th November, 2018

Down approved in 149 OCC Video  
held on 09th November, 2018 w.r.t.  
Regional Transmission Lines and  
Elements

Other RPCs proposed to SRPC in  
OCC Video Conference to be held on  
09th November, 2018

Other RPCs approved by SRPC in  
OCC Video Conference held on 09th  
November, 2018