|  |  |  |
| --- | --- | --- |
|  | **पंजीकृत कार्यालय :शक्ति सदन, कोटला रोड़, न्यू दिल्ली-110002**  (Regd. Office Shakti Sadan, Kotla Road, New Delhi-110002)  **कार्यालय उपमहाप्रबंधक (एस.ओ.)**  **Office of Dy. General Manager (SO)**  **एस एल डी सी बिल्डिंग, मिंटो रोड़, न्यू दिल्ली-110002**  SLDC Building, Minto Road, New Delhi-110002  Ph: 23221149 FAX No.23221012 | |
| **No. F./DTL/207/12-13/DGM(SO)/262** | | **Dated : 08.10.2012** | |

**Subject : Agenda of the 7th meeting of Grid Coordination Committee**

Dear Sir, / महोदय

The 7th meeting of the Grid Coordination Committee (GCC) is proposed to be held on 31.10.2012 at 10.30hrs. The venue of the meeting would be intimated later on. For any further information Sh. Darshan Singh, Manager (System Operation), Ph. 9999533837 may be contacted.

The agenda of the meeting is enclosed herewith.

It is also requested that if any other issue(s) is/are required to be considered by GCC, the same may be forwarded to the undersigned through email at [venugopal.v1960@yahoo.co.in](mailto:venugopal.v1960@yahoo.co.in) by 20.10.2012. The issues received after 20.10.2012 shall not be considered as agenda for discussions.

You are requested to make it convenient to attend the meeting

Thanking you,

भवदीय / Yours faithfully

Encl : As above

(**वी.वेणुगोपाल)/(V. Venugopal )**

**(उपमहाप्रबंधक (एस.ओ.)/**Dy. G. M. (SO)

Convener (GCC)

To

|  |  |
| --- | --- |
| 01 | **Sh. A. K. Halder**  Director (Operations), **Chairman, GCC**. Delhi Transco Ltd, 1st floor, Shakti Sadan Building, Kotla Road, New Delhi-110002, Office-Phone- 011-23232715, Fax : 23232721 |
| 02 | **Sh. Bhupender Nath**  **General Manager (Planning)**, Delhi Transco Ltd.  Shakti Deep Building, Jhandewalan, Delhi-110055 |
| 03 | **Sh. Prem Parkash,**  **General Manager (O&M)-I,** Delhi Transco Limited**,** 220kVParkstreet S/stn Building,  Opp. Talkatora Stadium, Near RML Hospital, Park Street, New Delhi-1, Office Phone - 011-23366462 Fax: 011-23366160 |
| 04 | **Sh. V.K.Garg**  **General Manager (Commercial),** Delhi Transco Ltd,  IP Estate Bldg, New Delhi-110002 |
| 05 | **Sh. R.K. Tola,**  **General Manager (O&M)-II,** Delhi Transco Ltd.  Shakti Deep Building, Jhandewalan, Delhi-110055 |

|  |  |
| --- | --- |
| 06 | **Sh. Roop Kumar**  **General Manager (SLDC),** SLDC Delhi  SLDC Building, 33kV Grid S/Stn Building, Minto Road, New Delhi-110002, Phone Office:011-23221091, Fax:011-23221069 |
| 07 | **Ms. Kiran Saini**  **Dy. General Manager (SCADA),** SLDC Delhi  SLDC Building, 33kV Grid S/Stn Building, Minto Road, New Delhi-110002 |
| 08 | **Sh. V. V. Sharma**  **General Manager (NRLDC),**  18-A, SJSS Marg, New Delhi-16, Office Phone : 011-26537351, Fax: 011-26852747 |
| 09 | **Sh. P.K. Ray**  **Director(Tech), IPGCL,**  Himadri Building, Rajghat Power House, New Delhi-2. Office Phone : 011-23273544  Fax: 011-23270590 |
| 10 | **Sh. H.K. Chawla**  **Dy. G.M.(Market Operation), NRLDC**  18-A, SJSS Marg, New Delhi-16, Office Phone : 011-26537351, Fax: 011-26852747 |
| 11 | **Sh. A.K. Sharma**  **Head (O&M), BYPL**  Shakti Kiran Building, Karkardooma, Delhi |
| 12 | **Sh. Mukesh Dadhichi**  **Dy.G.M. (SO),** BYPL, Balaji Estate, New Delhi |
| 13 | **Sh. Sunil Kakkar**  **Asstt. VP,** BYPL, Shakti Kiran Building, Karkardooma, Delhi |
| 14 | **Sh. Chandra Mohan**  Vice President& Head, Network Operation, BRPL  BSES Bhawan, Nehru Place, New Delhi |
| 15 | **Chief Engineer (Transmission System)**, BBMB  SLDC Complex, Sector-28, Industrial Area Phase-I, Chandigarh. |
| 16 | **Sh. Sanjay Banga,**  **HOD(PSC&A), TPDDL**  SCADA Building, Near Netaji Place Subash Place Metro Station, Pitampura, Delhi 34 Phone Office: 011- 27468027, Fax: 011-27468023 |
| 17 | **Sh. Ajay Kumar,**  **VP(PMG), BRPL,**  Building No 20, Nehru Place**,** New Delhi–110019. Off. 39996052 Fax: 011- 3999605 |
| 18 | **Sh. N. K. Kothari,**  **General Manager,**  NTPC, Badarpur BTPS, New Delhi-44 Office Phone: 011- 26949523, Fax: 011- 26949532 |
| 19 | **Col. Ballaney R.N., CWE,**  CWE (Utilities), MES, Delhi Cantt, New Delhi – 110010. Phone Office: 011- 25692364  Fax: 011- 25687850 |
| 20 | **Sh. N.S.Sagar**  **Chief Engineer (Elect),NDMC**  Room No. 1701, 17th Floor, Palika Kendra, Sansad Marg, New Delhi-110001 |
| 21 | **Ms. Anjuli Chandra, Executive Director (Engg.), DERC**  DERC Viniyamak Bhawan, C-Block, Shivalik, New Delhi-17 |
| 22 | **Sh. Anish Garg**  Joint Director (Eng.), DERC Viniyamak Bhawan, C-Blk, Shivalik, New Delhi-17 |
| 23 | **Sh. Pradeep Mittal**  General Manager, Timarpur – Okhla Waste Management Company Ltd  Jindal ITF Center, 28 Shivaji Marg New Delhi-110015, Ph. 45021983, Fax 45021982 |
| 24 | **Sh. R.K. Bhatnagar,**  **General Manager,** Indira Gandhi Super Thermal Power Station  Jharli, Jhajjar Distt. Haryana Pin-124141, Fax no. 01251-266202, Ph. 01251-266265 |
| 25 | **Sh. Surender Babbar** |
|  | Dy. General Manager (Finance-I), DTL, Shakti Sadan, New Delhi 110002 |
| 26 | **Sh. D.N.Sondhi**  Dy.G.M (Finance)-II, DTL |
|  |  |

Copy for favour of kind information to :-

* 1. Secretary, DERC, Viniyamak Bhawan, C-Block, Shivalik, New Delhi-17
  2. Chairman and Managing Director, DTL
  3. Chairperson, New Delhi Municipal Council, Palika Kendra, Sansad Marg, New Delhi
  4. CEO, POSOCO, B-9, Qutab Institutional Area, Katwaria Sarai New Delhi-110016
  5. Member Secretary, NRPC, Katwaria Sarai, New Delhi-110016
  6. CEO, BSES Rajdhani Power Ltd, BSES Bhawan, Nehru Place, New Delhi-110019
  7. CEO, BSES Yamuna Power Ltd, Shakti Kiran Building, Karkardooma, New Delhi-92
  8. Managing Director, Tata Power Delhi Distribution Ltd.,33kV Grid S/Stn, Hudson Lane, Kingsway Camp, Delhi-110009
  9. Chief Engineer(Utilities),CWE, MES, Kotwali Road, Near Gopi Nath Bazar, Delhi Cantt New Delhi-10
  10. Managing Director, Indraprastha Power Generation Company Ltd (Genco) / Pragati Power Corporation Ltd (PPCL), Himadri, Rajghat Power House, New Delhi-110002
  11. Director (Finance), DTL, Shakti Sadan, New Delhi 110002
  12. CEO, JUIL/TOWMCL, JITF Urban, Infrastructure Ltd. Jindal ITF Centre, 28, Shivaji Marg, new Delhi-110015
  13. CEO, Aravali Power Company Pvt. Ltd (APCPL), Pawan Hans Tower, C-14, Sector-1,Noida-201301
  14. Member (Power Regulation), BBMB, Sector-19-B, Madhya Marg, Chandigarh

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**DELHI TRANSCO LTD.**

(Regd. Office : Shakti Sadan, Kotla Road, New Delhi 110002)

**[Office of Dy. General Manager (SO)]**

SLDC Building, Minto Road, New Delhi – 110 002

Phone No.23221149, 23221175, Fax 23221012, 59

**AGENDA FOR 7th MEETING OF GRID CO-ORDINATION COMMITTEE**

**Time & Date of GCC meeting : 10.30 Hrs. on 31.10.2012**

**Venue : Would be intimate later on.**

**1 Confirmation of the minutes of 6th meeting of GCC held on 08.05.2012.**

The minutes of the 6TH meeting of GCC held on 08.05.2012 have been circulated vide letter no. F.DTL/207/12-13/DGM(SO)/148 dated 11.06.2012 No comments have been received so far.

**GCC may confirm the minutes of the 6th meeting of GCC held on 08.05.2012.**

**2 FOLLOWUP ACTION ON THE DECISIONS TAKEN IN THE PREVIOUS GCC MEETINGS**

**2.1 Phasing out of Stage-I units of BTPS (95MW X 3).**

BTPS to inform the latest progress in this regard. Further, in the last meeting of NRPC (23rd TCC and 26th NRPC) held on 12-13 July 2012 at Mussories, Uttrakhand, it was decided to form a committee comprising General Manager (Planning), DTL, Chief Engineer (Planning), HVPNL, PGCIL, and NTPC, BTPS to evolve plans for strengthening the BTPS stability including the establishment of 400kV S/Stn at BTPS to reinforce the stability of BTPS. The relevant portion of the minutes of the meeting are reproduced hereunder :-

B.5.1 Representative of NRLDC stated that Badarpur TPS (BTPS) was

connected to the grid through 220 kV BTPS-Ballabhgarh D/C lines and 220 kV BTPS-Alwar. During summer peak as well as during winter off peak hours, these lines get fully loaded (though in opposite direction) and any tripping of one circuit of BTPS- Ballabhgarh during such conditions could result in critical contingency. Apart from above contingency, the 220 kV Samaypur-Ballabhgarh (3circuits) and the 220 kV Samaypur/Ballabhgah –Charkhi Dadri section also get overloaded many a time. For the short term solution, he suggested rearrangement of loads by DTL, HVPNL and BBMB in this area and for long term solution he stressed the need for further study and planning by the Haryana and Delhi STUs for enhanced connectivity and easing of the constraints.

B.5.2 Representative of DTL intimated that connectivity of the proposed 1050 MW gas based generating station at Badarpur was indicated as the possible solution in the 30th meeting of Standing Committee on Power System planning in Northern region held on 19/12/2011. He further intimated that the issue was considered in the 31st Meeting of the SCM on Transmission Planning for Northern Region also and the only solution envisaged was to have connectivity of BTPS at 400 kV level.

B.5.3 Representative of POWERGRID stated that the above solutions were not possible as the gas based generation was not expected at Badarpur in near future and connecting BTPS at 400 kV was only possible by dismantling the existing 220 kV switchyard.

B.5.4 Representative of DTL clarified that BTPS at 400 kV could be connected to Sarita Vihar which was only 4 Km away. It was suggested that a committee be constituted with participation from NRLDC, NRPC, CTU and STUs concerned for conducting the study and evolving the possible solution.

B.5.5 **After deliberations, TCC recommended that the study be conducted by CTU for which HVPNL and DTL would furnish the requisite data. Chief Engineer (Planning) of HVPNL and DTL would act as nodal officers in their respective organization. Representative of POWERGRID agreed to this and indicated a timeline of three months after the receipt of data.**

**NRPC Deliberations**

B.5.6 NRPC concurred with the recommendation of TCC.

**GCC may be informed the latest status of the issue. Further BTPS / NTPC authorities may indicate the latest status of phasing out of Stage-I unit.**

**2.2 PROVISION OF 2ND 66/11KV TRANSFORMER AT GAZIPUR SUB-STN.**

In the 6th meeting of GCC held on 08.05.2012, the concerned O&M Department of DTL was advised to install the 2nd 66/11kV 20MVA Pr. Tr. At Gazipur as quick as possible preferably by 30th June 2012.

220kV O&M Department of DTL to inform the latest status.

**2.3. PROVSIONS OF SPARE HOT TRANSFORMER CAPACITY.**

In the 6th meeting of GCC held on 08.05.2012, the latest position on the issue was informed as under :-

|  |  |  |  |
| --- | --- | --- | --- |
| S.N | Voltage level | Present population in nos. | Status of the hot reserve |
| 1 | 440/220kV, 315MVA ICT, | 10 | One Tx at 400kV Mundka would be hot reserve. |
| 2 | 220/66kV, 160MVA Tx | 7 | 160MVA Tx earmerked for 220kV Pappan Kalan-II would be the hot reserve. |
| 3 | 220/66kV, 100MVA Tx | 42 |
| 4 | 220/33kV, 100MVA Tx, | 33 | New Tx. is required to be purchased for hot reserve for which procurement action shall be initiated shortly. Due to non availability of Hot Reserve, one 220/33kV Tx is not available since.............. |
| 5 | 66/33kV 30MVA Tx, | 3 | The 33kV level at Narela is being dedicated for AIR Khampur feeder. Howerver, as per the decision of the Standing Committee, the load is propsed to be transferred to IFSL S/Stn of NDPL. Thus, the existing Tx. would be hot reserve after the transfer of AIR Khampur load from Narela. |
| 6 | 66/11kV 20MVA Tx | 23 | One 66/11kV 25MVA got repaired at Mehrauli would be hot reserve. |
| 7 | 33/11kV 20/16MVA Tx | 16 | At present, there is no hot reserve. DTL was advised to provide at least one Tx as hot reserve at the earliest. Due to non availability of Hot Reserve, 220kV Shalimar S/Stn is left with only 33/11kV Tx. since. |

Planning Departme

Planning Department of DTL was also advised to finalize the scheme for provision of hot reserve in consultation with O&M Departments of DTL for finalization of locations for provisioning hot reserve for each voltage level.

The Planning Department of DTL may update the status.

**2.4 Special Protection Scheme to take care of tripping of one ICT at 400kV Sub-Stations.**

400kV O&M Department of DTL to inform the latest update regarding provision of SPS at Bawana, Bamnauli and decision taken with regard to Maharani Bagh S/Stn.

**2.5 IMPLEMENTATION OF STATE – OF - THE – ART – LOAD MANAGEMENT SCHEME & UNDER FREQUENCY RELAYS BY DISCOMS**

In the last GCC meeting and regular meetings of Delhi OCC, it was informed that all Distribution Licensees except NDMC has implemented the scheme. While disposing the petition no. 125/MP/2012 dated 17.08.2012 ***In the matter of Effecting proper load management by Northern Region constituents and curbing overdrawl in terms of the Indian Electricity Grid Code and Unscheduled Interchange charges Regulations,***CERC has taken into consideration of the same. The relevant extracts of the order dated 17.08.2012 are reproduced hereunder :-

6(e) Delhi Transco Limited which is operating the Delhi SLDC has submitted that Delhi SLDC in coordination with the distribution companies draws out the demand-availability position on seasonal basis and based on the scenario, the licensees make necessary arrangement to meet the demand. However, in case of the multiple outages of the generating sources, occasional overdrawal occurs, which is corrected. As regards the automatic demand management scheme, since the responsibility has been assigned to the distribution companies as per the Grid Code, the SLDC has been pursuing the matter with the distribution companies vigorously. It has been submitted that as on date, the state of art Load Management Scheme have been implemented by the distribution companies namely, BSES Rajdhani Power Limited, BSES Yamuna Power Limited and Tata Power Delhi Distribution Limited. The commissioning and testing of the scheme by NDMC is under progress……………………………………………………………………………

8. During the course of the hearing, the representative of the petitioner submitted that in compliance with the directions of the Commission in the order dated 30.7.2012, consultations were held with the STUs and SLDCs of Northern Region on 8.8.2012 and the minutes of the meeting has been placed on record vide affidavit dated 13.8.2012. He further submitted that it was agreed in the said meeting that all SLDCs would implement state of the art automatic demand disconnection schemes through their distribution licensees at the earliest as per the provisions of Regulation 5.4.2(d) of the Grid Code. The other constituent states could take the help of SLDC, Delhi as the distribution licensees in Delhi have implemented the scheme. He submitted that in the Southern Region, a scheme has been implemented under which identified feeders can be automatically disconnected and restored through SCADA system. This has been shared with the constituents of the Northern Region. He further explained that

under the provisions of Regulation 5.4.2(c) of the Grid Code and the directions of the Commission, a plan would be put in place with certain additional requirements so that under continued overdrawal/contingency conditions, specific instructions to open the feeders could be issued. He further submitted that the following method/plan for opening of the feeders was agreed:

(emphasis supplied)

In this issue

a) NDMC to intimate the latest update.

b) General Manager (400kV O&M), DTL to inform the decision of Delhi OCC regarding the transfer of operational control of 11kV feeders emanating from 220kV S/Stns of DTL concerned Distribution Licensees as the last GCC meeting referred the issue to Operation Coordination committee to technically scrutinize the issue of bringing the 11kV feeders emanating from the substation of DTL under SCADA control of concerned Distribution companies without transferring the assets to them.

**2.5 EXECUTION OF CONNECTION AGREEMENT BY PPC FOR PRAGATI (1371MW CCGT)**

In the last GCC meeting held on 08.05.2012, GCC advised PPCL and DTL to execute the connection agreement of Bawana CCGT by 21.05.2012.

PPCL and Commercial Department of DTL to inform the latest status in this regard.

**2.6 OUTSTANDING DUES**

In the last GCC meeting, it was informed that a substantial amount of payment is due to Transmission and Generation Utilities of Delhi. The latest position in this regard may be given in the following format by IPGCL, PPCL, Aravali Power Company Ltd and DTL :-

All figures in Rs. Crores

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| Name of discom | Outstanding as on 31.03.2012 | Surcharge As on 31.03.2012 | Billed amount as on 30.09.12 from 01.04.12 | Payment received against billed amount from 01.04.2012 | Outstanding dues as on 30.09.12 | Total outstanding dues on 30.09.2012 | Surcharge as on 30.09.2012 |

Concerned utilities may update the status of outstanding dues and provide the plans of the liquidation of arrears.

**NEW ISSUES**

**3 OPERATIONAL ISSUES**

**3.1 POWER SUPPLY POSITION**

SLDC to present the power supply position for the period October 2012 to March 2013. Distribution Licensees to inform the efforts taken by them to dispose off the surplus power as quite substantial amount of surplus power is available with Delhi being the

lean season. DPPG during its meeting held on 21.08.2012 requested Govt. of Delhi to approach Govt. of India for surrendering of surplus power to needy states. Delhi govt. has issued a letter to Govt. of India vide letter dated 31.08.2012 to reallocate the share of Delhi from various Central Sector Projects to needy states as under :-

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| S.  N. | Name of the unit from where surrender was made | MW capacity proposed to be surrender | % age share of Delhi proposed to be surrendered | Period of surrender | duration of surrender | Remarks |
| 1 | Jhajjar (3X500MW) | 593 | 85.60 (39.53% of total 1500 MW capacity of Jhajjar) | 01.10.12 to 31.05.14 | 00.00-24.00hrs. | All Distribution Licensees agreed to continue the surrender the 1st Unit (231MW) of Jhajjar upto 31.05.2014.  For 2nd Unit, BYPL and TPDDL decided to surrender (131MW) upto) 31.05.2014 and BRPL will continue its share from Unit-2 (100MW).  If the third unit is commissioned, all Distribution Licensees decided to surrender upto 31.05.14 on power from 3rd unit (231MW) round the clock basis. |
| 2 | Dadri Thermal Stage-II  (2X490MW) | 735 | 100 | Nov.2012 to Mar 2013 | 00.00-06.00hrs. |  |
| 3 | Farakka | 22 | 100 | 01.11.12 to 31.03.13 | 00.00-24.00hrs. | Round the clock surrender is proposed to ensure the disposal of the surplus power |
| 4 | Kehal gaon-I | 51 | 100 |
| 5 | Kahalgaon-II | 157 | 100 |
| 6 | Dadri Thermal Stage-I  (4X210MW) | 756 | 100 | Nov 12 to March 13 | 00.00-06.00hrs |  |

GCC may discuss.

**3.2** **CAPACITOR INSTALLATION PLAN**

In the last GCC meeting, Utility wise installed capacity of capacitors as on 31.03.2012 was provided as under :-

All figures in MVAR

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Utility | Installed capacity | Working capacity as on date | Additional capacity planned for this summer | LT Capacitors | Remarks |
| IPGCL | 20 | 10 | -- | -- |  |
| DTL | 754 | 694 | -- | -- |  |
| BYPL | 851 | 824 | 89.79 | 109 | Out of 89.79MVAR HT Capacitors, only 29.31MVAR have been approved by DERC, 60.48MVAR is under approval. |
| BRPL | 1185 | 1146 | 186.3 | 241 | 30.24MVAR (20.16MVAR at Vasant Kunj D Block and 10.08MVAR at DC Saket) dismantled by BRPL for paving the bays for 66kV and 33kV feeders to be energized before CWG 2010. |
| TPDDL | 719 | 719 | 21.76 | 119 | 21.76MVAR HT capacitors approved by DERC. |
| NDMC | 111 | 106 | 75 | 25 | HT Capacitors are likely to be commissioned by end of July 2012. |
| MES | 21 | 21 | -- | -- |  |
| **Total** | **3662** | **3520** | **372.85** | **494** |  |

As per the Capacitor Study conducted by NRPC, the required installed capacity of the capacitors in Delhi system is as under :-

All figures in MVAR

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Capacity as on 31.03.2009 | Additional required for 2009-10 | Addition required for 2010-11 | Addition required for 11-12 | Addition required for 2012-13 |
| 3476 | 0 | 567 | 367 | 184 |
| Capacity required as on 31.03.2011 | 4043 | | | |
| Capacity required as on 31.03.2012 | 4410 | | | |
| Installed capacity as on 31.03.2013 | 4594 | | | |
| Installed capacity as on 31.03.2012 on HT level | 3662 | | | |
| Additional capacity requirement on HT level by 31.03.2013 | 932 | | | |

In the last GCC meeting, following decisions were also taken.

1. Delhi Operation Coordination Committee may discuss in details the capacitors installation programme and the requirement of capacitors based on the study to be conducted by a reputed agency like CPRI to find the realistic requirement of capacitors and their locations.
2. Delhi Commercial Sub-Committee may draw out the methodology of optimum use of fund accumulated in Reactive Pool Account being maintained by DTL for voltage improvement.
3. After getting the details, GCC may take a view for recommending the optimum utilization of the funds available in the Reactive Pool Account being maintained by DTL to DERC for decision.

All are requested to update the status. G.M. (Planning), DTL to inform regarding the capacitor study to be carried out by M/s CPRI.

**3.3 STRATEGY TO MEET THE IMPLICATIONS OF CLOSING RPH STATION**

Planning Department of DTL to inform the progress with regard to reinforcement of transmission system associated with RPH to meet the generation loss of about 100MW following the closing down of the station by 31.03.2013.

**3.4 WORK OF REPLACEMENT OF PORECELAIN INSULATORS WITH POLYMER AND REPLACEMENT OF CONDUCTORS OF 220KV NARELA – ROHTAK ROAD TRANSMISSION LINES OWNED BY BBMB.**

Delhi OCC has continuously been monitoring the issue. DERC vide petition no.72/ 2008 has also been seized of the matter. As per the order dated 25.07.2012, the Commission ordered the following:-

1. Mr. K. Dutta, Ld. Counsel for the Petitioner advanced arguments at some length.

2. The representative of BBMB clarified queries raised by the Commission regarding maintenance of 220Kv Grid Sub-station of Rohtak Road and its capacity to transmit 150 MvA power.

3. The Commission heard the arguments advanced on behalf of the Petitioner and the Respondent and directed ED (Engg./Tariff) to undertake a site visit and submit a detailed report within 3 weeks.

4. The matter is listed for further hearing on 25.09.2012

General Manager (400kV O&M), DTL and BBMB may brief the latest status.

**4 COMMERCIAL ISSUES.**

**4.1 Incentive based on TRANSMISSION System availability of Delhi Transco LIMITED for 2011-12**

The Transmission System Availability for 2011-12 has been worked out by SLDC in consultation with Stakeholders and based on the guidelines issued by DERC during January 2004 as under :-

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **AVAILABILITY OF TRANSMISSION SYSTEM OF DELHI TRANSCO LIMITED FOR THE YEAR 2011-12** | | | | |
| **Sl. No.** | | **Name of Elements** | | **Availability in %age** |
| 1 | | AVAILABILITY OF 11NOS. 400kV, 315MVA ICTs | | 98.21% |
| 2 | | AVAILABILITY OF 8NOS. 400kV LINES | | 99.78% |
| 3 | | AVAILABILITY OF 73NOS. 220kV LINES | | 99.03% |
| 4 | | AVAILABILITY OF 49NOS. 220/66kV ICTs | | 94.31% |
| 5 | | AVAILABILITY OF 33NOS. 220/33kV ICTs | | 94.80% |
| 6 | | AVAILABILITY OF 3NOS. 66/33kV ICTs | | 99.13% |
| 7 | | AVAILABILITY OF 23NOS. 66/11kV PR. TXS | | 99.73% |
| 8 | | AVAILABILITY OF 16NOS. 33/11kV PR. TXS | | 95.41% |
| 9 | | AVAILABILITY OF 116NOS. 66kV FEEDER BAYs | | 99.90% |
| 10 | | AVAILABILITY OF 123NOS. 33kV FEEDER BAYs | | 99.84% |
| 11 | | AVAILABILITY OF 204NOS. 11kV SYSTEM | | 100.00% |
| 12 | | AVAILABILITY OF 59NOS. CAP. BANKS | | 91.46% |
|  | |  | |  |
| **TOTAL AVAILABILITY OF DTL SYSTEM =** | | | |  |
| **98.21\*11+99.78\*8+99.03\*73+94.31\*49+94.80\*33+99.13\*3+99.73\*23+95.41\*16+99.90\*116+99.84\*123+100\*204+91.46\*59** | | | | |
| **9+8+73+49+33+3+23+16+116+123+204+59** | | | | |
|  | **= 98.38%** | |  | |

Based on the MYT Regulations applicable for the period 01.04.2007 to 31.03.2011 which was further been extended upto 31.03.2012, the Transmission Tariff approved for 2011-12 as per the order of the commission dt. 26.08.2011 is Rs.708.67Crs. (refer page no. 68 table no. 54 of the order of the Commission)

As such, the incentive based on the Transmission System Availability achieved by DTL for the year 2011-12 is computed as under :-

(a) Annual Transmission Service Charges (ATSC) =Rs. 708.67Crores

for 2011-12

(b) The normative target availability for recovery of full =98%

transmission tariff as mentioned in (a) in %

(c) Transmission System Availability achieved by DTL = 98.38%.

(d) Incentive =ATSC\* **[**AA – TA**]** = 708.67\***[**98.38-98.00**]** =**Rs. 2.7401490 Crore**

**[**TA**]** **[**98.00**]**

**GCC may approve the above mentioned Transmission system Availability computation.**

4.2 **Scheduling and associated issues of 16MW Generating Unit of Timapur – Okhla Waste Management Company Pvt Ltd, Okhla Plant.**

The 16MW Waste to Energy Plant has been declared in commercial operation from 01.10.2012.

BRPL and TOWMCL may brief the strategy of scheduling of Banked power i.e. 50% as per the provision of PPA entered into with them.

**4.3 PAYMENT OF NRLDC CHARGES – PENALY BILL RAISED BYNRLDC FOR THE PERIOD OCTOBER 2010 TO FEBRUARY 2011.**

In the last GCC meeting, GCC advised the following:-

1. NRLDC should review the late payment surcharges levied on Delhi SLDC for the payment related to October 2010 to February 2011 and Surcharge imposed to Delhi SLDC due to delay in payment for 2/3 days later than due date.
2. All Users should remit the amount in SLDC’s account in respect of NRLDC Charges as per the accounts issued by SLDC by 55th day of the issue of the bill by NRLDC so that SLDC can remit the amount positively by 60th day of the issue of the bill to NRLDC to avoid late payment surcharge.

Inspite of above, NRLDC again raised the late payment surcharge bill vide letter no. NRLDC/MO/1502-33 dated 03.07.2012.

SLDC reiterated the decision of GCC and expressed its inability to discharge the responsibility of collection and disbursement of NRLDC Charges from Delhi Discoms and disbursement of the same to NRLDC if such late payment surcharge bills are raised by NRLDC and Delhi SLDC is only a collection and disbursal agency of NRLDC Charges on behalf of Delhi Discoms.

GCC may deliberate on the issue.

**4.4 Intrastate UI Account**

Sofar, SLDC has issued UI Accounts at Intrastate level upto 22nd week. of 2012-13 (upto 26.08.2012), the UI amount receivable by the various utilities as on date is Rs. ...............Crores as detailed hereunder :-

**Position as on 30.09.2012**

|  |  |  |
| --- | --- | --- |
| Utility | Amount in Rs. Crores outstanding against the utilities for 2012-13 (upto 26.08.2012)  / receivable (+) / payable(-) | Amount outstanding from NRLDC pool account by Delhi as a whole in Rs. Crores for 2012-13 (upto 26.08.2012) |
| IPGCL | 1.45 | **419.49 (receivable)**  **(Rs. 17.11 Crores upto 31.03.2012)** |
| PPCL | 12.80 |
| NTPC | 1.94 |
| BYPL | 195.65 |
| BRPL | (-)21.62 |
| TPDDL | 125.27 |
| NDMC | 29.90 |
| MES | 6.76 |
| **Total** | **161.93** |

In the last DPPG meeting held on 13.09.2012, the issue was discussed and requested SLDC to file a petition in CERC.

In this regard, it is to be noted that as per decision taken in the 5th Delhi Commercial Sub-Committee meeting held on 24.12.2009, SLDC had sought a legal advise with regard to filing petition before CERC or other appropriate forum for getting the outstanding dues released to Delhi utilities.

Accordingly, Sh. Ramchandraan, advocate had rendered legal advise. The relevant paras of the advise are as given hereunder :-

5 As per the order dated 31.03.2007 passed by Delhi Electricity Regulatory Commission, it is the responsibility of DTL as the SLDC to act as the nodal agency for collection and distribution of UI Charges to the various utilities in Delhi.

6 Further, at the 5th Commercial Sub-Committee meeting of GCC held on 24.12.2009, the distribution companies represented that as the SLDC, it is for the DTL to take appropriate legal proceedings to ensure that the UI Charges due to the Delhi utilities are received by them.................................

8 Under the provisions of the Indian Electricity Grid Code, 2005 (Grid Code) and the UI Regulations framed by the Central Commission, the UI charges are to be paid by

(a) beneficiary;

(b) buyer;

(c) generation station; and

(d) seller.

9 In this regard, Regulation 5 of the UI Regulations reads as under

“The charges for Unscheduled Interchange for all the time-blocks whe n grid frequency is between 50.3hz and 49.2Hz shall be payable for over-drawal by the buyer or the beneficiary and under-injection by the generation station or the seller and receivable for under-drawal by the buyer or the beneficiary and over-injection by the generating station or the seller and shall be worked out on the average frequency of the time-block at the rates given hereunder........................................

10 DTL does not fall in the categories of generator, seller, buyer or beneficiary of the electricity and thus is not liable to pay or receive U charges. The obligation to pay or receive UI charges rests with the beneficiary / buyer or the seller / generator of electricity, as per the energy injected / drawn at variance from the schedule. The Distribution Companies in Deli are independent legal entities and are the one which purchase, schedule and take delivery of the electricity. It is the distribution companies that draw electricity from the grid and utilize the electricity.

11 DTL as the State Load Despatch Centre only manages the UI pool account for collection of UI charges paid by the Distribution Companies in the States of Delhi and for disbursement of the amounts paid in the UI pool account to the account maintained by the Regional Load Despatch Centre for onward payment.

12 Thus, the DTL is neither personally liable to pay UI charges or receive UI Charges. DTL only acts as the nodal agency and facilitator for the settlement of the UI amount. DTL as a nodal agency can not be held personally liable to pay any UI charges, in case such, UI charges are not being remitted by the Utilities which are due to p ay. The obligation of DTL is only to settle the UI charges in favour of the Distribution Companies as and when DTL receives UI charges. In the event, UI charges are not paid by the Utilities which are liable to pay for any reason whatsoever, there can be no obligation on the part of DTL to pay such UI charges. Other words, the pre-condition for the obligation of DTL to settle the UI charges in favour of the Distribution Utilities is the receipt of the UI charges from the other agencies.

13 Though, DTL has been vested with the powers to act as the nodal agency for collection and distribution of UI charges, there is no primary obligation on the party of DTL either to pay the amount or otherwise to take legal proceedings or defend the legal proceedings.

14 However, in order to facilitate the recovery, DTL may authorise the distribution utilities to take appropriate action in the proceedings pending before the Lucknow High Court. DTL can write a letter to the distribution companies bringing to the knowledge the status of the proceedings pending in the Lucknow High Court and ask them to take appropriate steps for impleading in the proceedings. Since the distribution companies are the beneficiaries of the money, they have a locus standi to file the impleadment application and proceed in the matter. The distribution companies are required to bear their litigation cot and also spend time and energy in regard to the proceedings pending in the Lucknow High Court. DTL as a nodal agency can not be asked to take all steps necessary to defend the proceedings. Accordingly, DTL may send an appropriate communication to the distribution companies to whom the amount is payable by UPPCL to file necessary application before the Lucknow High Court.

The copy of the legal advise obtained in this regard has already stand forwarded to Discoms with authorization to seek proper legal remedy for getting the UI charges due to Delhi from Regional UI Pool Account due to non payment of dues by the States of Jammu & Kashmir and Uttar Pradesh. But sofar, none of the Delhi utilities has filed the petition before CERC or any other forum.

It may also be noted that it is appropriate to file petition by Discoms who are the ultimate affected parties of non payment of UI by defaulting utilities. While going through the CERC website, it was revealed that the Maharashtra Discom has filed such petition (no. 326/2009) which has been disposed off through order dated 25.09.2012 by CERC. The significant paras of the order of CERC in this regard are as under :-

Through this petition, the petitioner Maharashtra State Electricity Distribution Corporation Ltd has, *inter alia,* sought directions to restrain the constituents/utilities to restrain over-drawals of electricity beyond their allocated share and to maintain grid discipline as laid down in the Indian Electricity Grid Code. The prayers made by the petitioner are:

*(i) Pass a direction restraining constituents/utilities from overdrawing electricity beyond their allocated share; and in case of over-drawal initiate appropriate penal proceedings against the officials of the erring Distribution Licensees or others as the case may be in accordance with law: and*

*(ii) Direct the Constituents of the Northern Grid and the Distribution Licensees to immediately make the payments in respect of their huge defaults regarding UI charge ; and*

*(iii) Pass any other order in this regard as the Hon’ble Commission may find appropriate in the circumstances mentioned above, and pass suitable directions to control the over-drawal as economic signals have failed to evoke the necessary response from the parties,*

*(iv) This Hon’ble Commission may be pleased to pass and order directing the constituents to install UFR and maintain them in proper condition;*

*(v) Any other matter which this Hon’ble Commission may deem fit in the interest of justice......................................... ...............................................................*

11. The second prayer of the petitioner is to direct the constituents of the Northern Grid and the Distribution Licensees to make payment of their huge default regarding UI charges. It is to be noted that the Commission has been regularly monitoring the defaults in payment of UI charges based on the monthly reports received from the RLDCs. The Commission has initiated action against the defaulting utilities under section 142 of the Act and has imposed penalties in appropriate cases. The Commission has also called the officers in charge of the defaulting utilities for personal appearance to convey and share the magnitude of the problem arising out of non-payment of UI dues in time. It is pertinent to mention that the Appellate Tribunal in its judgment dated 11.2.2010 in Appeal No 124/2009 (Delhi Transco Ltd Vs Central Electricity Regulatory Commission and another) has taken favourable note of this Commission’s efforts to discourage over-drawals wherein it observed as under:

*“33. The main endeavour of the Central Commission, as is evident from*

*the Central Electricity Regulatory Commission (Unscheduled Interchange Charges and related matters) Regulation 2009 is to encourage additional generation and discourage overdrawal of electricity during low frequency conditions. Similarly, the Central Commission is to make an endeavour to discourage over generation and underdrawal under high frequency conditions. These regulations provide for UI rates for overdrawal by the buyer and under injunction by the generating station or the seller at the low frequency level. It is noticed that the UI rates at frequency range between 50Hz and 49.5 Hz vary from 180 paise to 480 paise. The tariff for new power plants is in the range of 250 paise to 350 paise per unit. The short-term rates for power are also prevailing in the range of Rs. 5/-. While considering these we feel that the UI rates are hardly sufficient to discourage overdrawal. Therefore, UI rates below 50 Hz frequency need to be so fixed so as to discourage over-drawls. In our view existing UI rates do not achieve this purpose as the frequency is likely to slide down rapidly to dangerous levels due to over-drawls, under low frequency levels.*

*34. During low frequency conditions, the additional generation from all the existing plants including the diesel generation captive units will improve the frequency levels. Therefore, the same needs to be encouraged. We would like to reiterate that the prevailing UI rates may not encourage all the generating stations to inject additional power into grid despite additional UI charges.”*

13. The Under Frequency Relays in the system have been provided to protect the grid in extreme emergency conditions such as sudden fall in generation on account of outage of the power plant or fall of grid frequency below the level of 48.8 Hz for any other reason. The Commission in para 23 (c) of the order dated 10.7.2012 in Petition No.125/MP/2012 had issued the following directions to the constituents of the Northern Region with regard to the installation and maintenance of UFRs:

*"(c) The respondents shall ensure that the Under Frequency Relays (UFR) are kept in service at all times and the feeders used for load shedding through UFRs are different from the feeders used for manual load shedding so that the security of the grid is not compromised."*

We direct the RLDCs, SLDCs, and RPCs to take appropriate action in accordance with Regulation 5.2(n) of the Grid Code with regard to the installation and functionality of the UFRs.

14. Before parting we place on record our appreciation for the effort of the petitioner to bring into focus the issue of grid discipline through this petition, which no other utility has done.

GCC may deliberate.

**5 OTHER ISSUES**

**5.1 NOMINATION OF PLANNING DEPARTMENT REPRESENTATIVE IN OPERATION COORDINATION COMMITTEE OF GCC.**

The Operation Coordination Committee of GCC felt the need of representation of DTL’s Planning Department in it to deliberate the various planning related issues in the OCC of GCC. At present, only Operation and Coordination wings of DTL have the representation in the sub-committee.

GCC may decide.

**6 HOSTING OF NEXT MEETING OF GCC**