



## DELHI TRANSCO LTD.

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

### STATE LOAD DESPATCH CENTER

#### Office of Dy. General Manager (System Operation)

SLDC Building, Minto Road, New Delhi-110002

Phone No : 23221064, 23221175 Fax No. : 23221012/59

No. F.DTL/207/2013-14/DGM(SO)/IDT-(49.7)/05

ISSUE DATE

6.12.2013

To

1. CEO, BSES Rajdhani Power Ltd, BSEB Bhavan, Nehru Place, New Delhi-110019
2. CEO, BSES Yamuna Power Ltd, Shakti Kiran Bldg, Karkardooma, New Delhi-110092
3. MD, TPDDL, Kingsway Camp, Hudson Lane, Delhi -110009
4. Sh. Sunil Kumar Kakkar, Head Power Management, BSES Yamuna Power Ltd, Shakti kiran building, Karkarduma, Delhi-92
5. Surya Shanker Benerji, GM (Finance & Accounts)BSES yamune Power ltd., 2nd Floor, Shaki Kiran bldg Karkarduma, Delhi-92
6. Chief Finance Officer,(BSES),2nd Floor, `C' Block, BSES Bhawan,Nehru Place, New Delhi-19
7. The Secretary, NDMC, Palika Kendra, New Delhi - 110001
8. G.E (Utlities),Electric Supply, Kotwali Road,Near Gopinath Bazar, Delhi Cantt., New Delhi - 10
9. HoD (PP&Gen), TPDDL, Corporate Office, 3rd Floor, Sub Station Bldg,Hudson Lines, Kingsway Camp New Delhi-19

#### **Sub. : Account of Interdiscom transfer of surplus energy below 49.7 Hz for the month of August'13**

Sir,

Please find herewith with the Statement of Account of Interdiscom transfer of surplus energy below 49.7 Hz for the month of August'13. The account has been computed on the basis of decision taken in the DPPG meeting held on 06.03.2013 at SLDC.

(As per the decision, below 49.7 Hz, surplus energy of discom will be booked to the needy discom on post-facto basis. Rate for above transaction will be frequency linked UI rate.)

The Account is posted in SLDC website also.

This is for your information and further necessary action please.

Encl : As above

Yours faithfully

Dy. G. M. (System Operation)

Copy for favour of kind information to:

- Secretary, DERC
- Member Secretary, NRPC
- Director (Operations), DTL
- General Manager (O&M), DTL
- General Manager (SLDC)
- General Manager (DPPG)
- Dy. General Manager (SCADA)



ISSUE DATE

6.12.2013

## Details of Inter-Discom Power Transfer below frequency 49.7Hz per DERC order with in Delhi

| AUGUST_13    | BRPL Energy sale to |                 |                 |                 |                 | BRPL to Receive amount from |                 |                 |                 |                 |
|--------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------------------|-----------------|-----------------|-----------------|-----------------|
| DATE         | BYPL                | NDPL            | NDMC            | MES             | Total(Mus)      | BYPL                        | NDPL            | NDMC            | MES             | Total (Lac)     |
| 01.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 02.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 03.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 04.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 05.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 06.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 07.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 08.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 09.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 10.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 11.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 12.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 13.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 14.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 15.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 16.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 17.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 18.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 19.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 20.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 21.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 22.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 23.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 24.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 25.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 26.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 27.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 28.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 29.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 30.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| 31.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000        | 0.000000        | 0.000000        |
| <b>Total</b> | <b>0.000000</b>     | <b>0.000000</b> | <b>0.000000</b> | <b>0.000000</b> | <b>0.000000</b> | <b>0.000000</b>             | <b>0.000000</b> | <b>0.000000</b> | <b>0.000000</b> | <b>0.000000</b> |

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MANAGER(SO/EA)



ISSUE DATE

6.12.2013

**Details of Inter-Discom Power Transfer below frequency 49.7Hz per DERC order with in Delhi**

| AUGUST_13<br>DATE | BYPL Sale Energy To |                 |                 |                 |                 | BYPL to Receive amount from |                |                |                |                 |
|-------------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------------------|----------------|----------------|----------------|-----------------|
|                   | BRPL                | NDPL            | NDMC            | MES             | Total(Mus)      | BRPL                        | NDPL           | NDMC           | MES            | Total (in Lac)  |
| 01.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 02.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 03.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 04.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 05.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 06.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 07.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 08.AUGUST.13      | 0.025765            | 0.004591        | 0.000000        | 0.000000        | 0.030356        | 7.16153                     | 1.31765        | 0.000000       | 0.000000       | 8.47918         |
| 09.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 10.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 11.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 12.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 13.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 14.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 15.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 16.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 17.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 18.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 19.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 20.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 21.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 22.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 23.AUGUST.13      | 0.046100            | 0.003126        | 0.013196        | 0.001610        | 0.064033        | 14.27252                    | 1.01990        | 4.26750        | 0.53071        | 20.09064        |
| 24.AUGUST.13      | 0.002740            | 0.000000        | 0.000001        | 0.000173        | 0.002914        | 0.77050                     | 0.000000       | 0.00033        | 0.04867        | 0.81950         |
| 25.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 26.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 27.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 28.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 29.AUGUST.13      | 0.025021            | 0.000000        | 0.016543        | 0.000379        | 0.041943        | 7.10015                     | 0.000000       | 4.69775        | 0.10907        | 11.90698        |
| 30.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| 31.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000       | 0.000000       | 0.000000       | 0.000000        |
| <b>Total</b>      | <b>0.099626</b>     | <b>0.007718</b> | <b>0.029740</b> | <b>0.002161</b> | <b>0.139245</b> | <b>29.30470</b>             | <b>2.33755</b> | <b>8.96558</b> | <b>0.68846</b> | <b>41.29630</b> |

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MANAGER(SO/EA)



ISSUE DATE

6.12.2013

**Details of Inter-Discom Power Transfer below frequency 49.7Hz per DERC order with in Delhi**

| AUGUST_13<br>DATE | NDPL Sale Energy To |                 |                 |                 |                 | NDPL to Receive amount from |                 |                |                |                 |
|-------------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------------------|-----------------|----------------|----------------|-----------------|
|                   | BRPL                | BYPL            | NDMC            | MES             | Total(Mus)      | BRPL                        | BYPL            | NDMC           | MES            | Total (in Lac)  |
| 01.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 02.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 03.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 04.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 05.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 06.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 07.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 08.AUGUST.13      | 0.000005            | 0.000000        | 0.000000        | 0.000000        | 0.000005        | 0.00117                     | 0.000000        | 0.000000       | 0.000000       | 0.00117         |
| 09.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 10.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 11.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 12.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 13.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 14.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 15.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 16.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 17.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 18.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 19.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 20.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 21.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 22.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 23.AUGUST.13      | 0.029419            | 0.000000        | 0.012065        | 0.001200        | 0.042683        | 9.03236                     | 0.000000        | 3.84327        | 0.39143        | 13.26706        |
| 24.AUGUST.13      | 0.009680            | 0.000000        | 0.000004        | 0.000611        | 0.010295        | 2.72227                     | 0.000000        | 0.00115        | 0.17197        | 2.89538         |
| 25.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 26.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 27.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 28.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 29.AUGUST.13      | 0.005691            | 0.000000        | 0.004109        | 0.000110        | 0.009909        | 1.61591                     | 0.000000        | 1.16668        | 0.03148        | 2.81407         |
| 30.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| 31.AUGUST.13      | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000       | 0.000000        |
| <b>Total</b>      | <b>0.044794</b>     | <b>0.000000</b> | <b>0.016178</b> | <b>0.001921</b> | <b>0.062892</b> | <b>13.37171</b>             | <b>0.000000</b> | <b>5.01109</b> | <b>0.59487</b> | <b>18.97767</b> |

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MANAGER(SO/EA)



**Details of Inter-Discom Power Transfer below frequency 49.7Hz per DERC order with in Delhi**

| AUGUST_13    | NDCM Sale Energy To |                 |                 |                 |                 | NDCM to Receive amount from |                 |                |                 |                |
|--------------|---------------------|-----------------|-----------------|-----------------|-----------------|-----------------------------|-----------------|----------------|-----------------|----------------|
| DATE         | BRPL                | BYPL            | NDPL            | MES             | Total(Mus)      | BRPL                        | BYPL            | NDPL           | MES             | Total (in Lac) |
| 01.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 02.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 03.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 04.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 05.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 06.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 07.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 08.AUGUST.13 | 0.001474            | 0.000000        | 0.000143        | 0.000000        | 0.001617        | 0.40074                     | 0.000000        | 0.03992        | 0.000000        | 0.44066        |
| 09.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 10.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 11.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 12.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 13.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 14.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 15.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 16.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 17.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 18.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 19.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 20.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 21.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 22.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 23.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 24.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 25.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 26.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 27.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 28.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 29.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 30.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| 31.AUGUST.13 | 0.000000            | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                    | 0.000000        | 0.000000       | 0.000000        | 0.000000       |
| <b>Total</b> | <b>0.001474</b>     | <b>0.000000</b> | <b>0.000143</b> | <b>0.000000</b> | <b>0.001617</b> | <b>0.40074</b>              | <b>0.000000</b> | <b>0.03992</b> | <b>0.000000</b> | <b>0.44066</b> |

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MANAGER(SO/EA)



ISSUE DATE

6.12.2013

## Details of Inter-Discom Power Transfer below frequency 49.7Hz per DERC order with in Delhi

| AUGUST_13    | MES Sale Energy To |                 |                 |                 |                 | MES to Receive amount from |                 |                |                |                |
|--------------|--------------------|-----------------|-----------------|-----------------|-----------------|----------------------------|-----------------|----------------|----------------|----------------|
| DATE         | BRPL               | BYPL            | NDPL            | NDMC            | Total(Mus)      | BRPL                       | BYPL            | NDPL           | NDMC           | Total (in Lac) |
| 01.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 02.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 03.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 04.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 05.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 06.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 07.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 08.AUGUST.13 | 0.003001           | 0.000000        | 0.000624        | 0.000000        | 0.003625        | 0.84099                    | 0.000000        | 0.18006        | 0.000000       | 1.02105        |
| 09.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 10.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 11.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 12.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 13.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 14.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 15.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 16.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 17.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 18.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 19.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 20.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 21.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 22.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 23.AUGUST.13 | 0.000845           | 0.000000        | 0.000000        | 0.000025        | 0.000869        | 0.21857                    | 0.000000        | 0.000000       | 0.00639        | 0.22496        |
| 24.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 25.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 26.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 27.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 28.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 29.AUGUST.13 | 0.000683           | 0.000000        | 0.000000        | 0.000355        | 0.001038        | 0.19222                    | 0.000000        | 0.000000       | 0.09973        | 0.29195        |
| 30.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| 31.AUGUST.13 | 0.000000           | 0.000000        | 0.000000        | 0.000000        | 0.000000        | 0.000000                   | 0.000000        | 0.000000       | 0.000000       | 0.000000       |
| <b>Total</b> | <b>0.004529</b>    | <b>0.000000</b> | <b>0.000624</b> | <b>0.000379</b> | <b>0.005533</b> | <b>1.25178</b>             | <b>0.000000</b> | <b>0.18006</b> | <b>0.10611</b> | <b>1.53796</b> |

*prakash**Ambedkar*

MANAGER(SO/EA)



**Summary of Inter-Discom Power Transfer below frequency 49.7Hz per DERC order with in Delhi****Summary for AUGUST\_13**

| BRPL | Sale Energy To |      |     |            | BRPL to Receive amount from |      |      |     |             |
|------|----------------|------|-----|------------|-----------------------------|------|------|-----|-------------|
| BYPL | NDPL           | NDMC | MES | Total(Mus) | BYPL                        | NDPL | NDMC | MES | Total (Lac) |
| 0    | 0              | 0    | 0   | 0          | 0                           | 0    | 0    | 0   | 0           |

| BYPL     | Sale Energy To |         |          |            | BRPL to Receive amount from |          |          |          |             |
|----------|----------------|---------|----------|------------|-----------------------------|----------|----------|----------|-------------|
| BRPL     | NDPL           | NDMC    | MES      | Total(Mus) | BRPL                        | NDPL     | NDMC     | MES      | Total (Lac) |
| 0.099626 | 0.007718       | 0.02974 | 0.002161 | 0.1392453  | 29.3047                     | 2.337554 | 8.965579 | 0.688459 | 41.29629576 |

| NDPL     | Sale Energy To |          |          |            | BRPL to Receive amount from |      |          |          |             |
|----------|----------------|----------|----------|------------|-----------------------------|------|----------|----------|-------------|
| BRPL     | BYPL           | NDMC     | MES      | Total(Mus) | BRPL                        | BYPL | NDMC     | MES      | Total (Lac) |
| 0.044794 | 0              | 0.016178 | 0.001921 | 0.0628923  | 13.37171                    | 0    | 5.011093 | 0.594874 | 18.97767466 |

| NDMC     | Sale Energy To |          |     |            | BRPL to Receive amount from |      |          |     |             |
|----------|----------------|----------|-----|------------|-----------------------------|------|----------|-----|-------------|
| BRPL     | BYPL           | NDPL     | MES | Total(Mus) | BRPL                        | BYPL | NDPL     | MES | Total (Lac) |
| 0.001474 | 0              | 0.000143 | 0   | 0.0016175  | 0.400736                    | 0    | 0.039924 | 0   | 0.440659764 |

| MES      | Sale Energy To |          |          |            | BRPL to Receive amount from |      |          |          |             |
|----------|----------------|----------|----------|------------|-----------------------------|------|----------|----------|-------------|
| BRPL     | BYPL           | NDPL     | NDMC     | Total(Mus) | BRPL                        | BYPL | NDPL     | NDMC     | Total (Lac) |
| 0.004529 | 0.000000       | 0.000624 | 0.000379 | 0.005533   | 1.251783                    | 0    | 0.180059 | 0.106113 | 1.537955843 |

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MANAGER(SO/EA)

| TIME BLOCK    | Frequency<br>(HZs) | UI Rate<br>Paisa/Unit | ENERGY BOOKED TO SHORTAGE DISCOM--(+) |      |       |      | Purchase/(-)Sale in Mw |   |
|---------------|--------------------|-----------------------|---------------------------------------|------|-------|------|------------------------|---|
|               |                    |                       | BRPL                                  | BYPL | TPDDL | NDMC | MES                    |   |
| 00:00 - 00:15 | 50.16              | 33                    | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 00:15 - 00:30 | 50.02              | 148.5                 | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 00:30 - 00:45 | 50.02              | 148.5                 | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 00:45 - 01:00 | 50.14              | 49.5                  | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 01:00 - 01:15 | 50.18              | 16.5                  | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 01:15 - 01:30 | 50.14              | 49.5                  | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 01:30 - 01:45 | 50.1               | 82.5                  | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 01:45 - 02:00 | 50.1               | 82.5                  | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 02:00 - 02:15 | 50.18              | 16.5                  | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 02:15 - 02:30 | 50.1               | 82.5                  | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 02:30 - 02:45 | 50.12              | 66                    | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 02:45 - 03:00 | 50.02              | 148.5                 | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 03:00 - 03:15 | 50.04              | 132                   | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 03:15 - 03:30 | 50                 | 165                   | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 03:30 - 03:45 | 50.12              | 66                    | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 03:45 - 04:00 | 50.26              | 0                     | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 04:00 - 04:15 | 50.42              | 0                     | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 04:15 - 04:30 | 50.32              | 0                     | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 04:30 - 04:45 | 50.28              | 0                     | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 04:45 - 05:00 | 50.24              | 0                     | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 05:00 - 05:15 | 50.26              | 0                     | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 05:15 - 05:30 | 50.08              | 99                    | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 05:30 - 05:45 | 49.96              | 222                   | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 05:45 - 06:00 | 50                 | 165                   | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 06:00 - 06:15 | 50.22              | 0                     | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 06:15 - 06:30 | 50.14              | 49.5                  | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 06:30 - 06:45 | 50.2               | 0                     | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 06:45 - 07:00 | 50.24              | 0                     | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 07:00 - 07:15 | 50.24              | 0                     | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 07:15 - 07:30 | 50.2               | 0                     | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 07:30 - 07:45 | 50.2               | 0                     | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 07:45 - 08:00 | 50.24              | 0                     | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 08:00 - 08:15 | 50.3               | 0                     | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 08:15 - 08:30 | 50.14              | 49.5                  | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 08:30 - 08:45 | 50.14              | 49.5                  | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 08:45 - 09:00 | 50.12              | 66                    | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 09:00 - 09:15 | 50.08              | 99                    | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 09:15 - 09:30 | 50.06              | 115.5                 | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 09:30 - 09:45 | 50.16              | 33                    | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 09:45 - 10:00 | 50.14              | 49.5                  | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 10:00 - 10:15 | 50.2               | 0                     | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 10:15 - 10:30 | 50.1               | 82.5                  | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 10:30 - 10:45 | 50.12              | 66                    | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 10:45 - 11:00 | 50.12              | 66                    | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 11:00 - 11:15 | 50.16              | 33                    | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 11:15 - 11:30 | 50.04              | 132                   | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 11:30 - 11:45 | 50.08              | 99                    | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 11:45 - 12:00 | 50.06              | 115.5                 | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 12:00 - 12:15 | 50.02              | 148.5                 | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 12:15 - 12:30 | 49.9               | 307.5                 | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 12:30 - 12:45 | 49.88              | 336                   | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 12:45 - 13:00 | 50.06              | 115.5                 | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 13:00 - 13:15 | 50.26              | 0                     | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 13:15 - 13:30 | 50.16              | 33                    | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 13:30 - 13:45 | 50.06              | 115.5                 | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 13:45 - 14:00 | 50.12              | 66                    | 0                                     | 0    | 0     | 0    | 0                      | 0 |
| 14:00 - 14:15 | 50.12              | 66                    | 0                                     | 0    | 0     | 0    | 0                      | 0 |



|               |       |        |          |          |           |          |          |
|---------------|-------|--------|----------|----------|-----------|----------|----------|
| 14:15 - 14:30 | 49.94 | 250.5  | 0        | 0        | 0         | 0        | 0        |
| 14:30 - 14:45 | 49.92 | 279    | 0        | 0        | 0         | 0        | 0        |
| 14:45 - 15:00 | 50    | 165    | 0        | 0        | 0         | 0        | 0        |
| 15:00 - 15:15 | 50.06 | 115.5  | 0        | 0        | 0         | 0        | 0        |
| 15:15 - 15:30 | 49.9  | 307.5  | 0        | 0        | 0         | 0        | 0        |
| 15:30 - 15:45 | 49.96 | 222    | 0        | 0        | 0         | 0        | 0        |
| 15:45 - 16:00 | 50.06 | 115.5  | 0        | 0        | 0         | 0        | 0        |
| 16:00 - 16:15 | 50.16 | 33     | 0        | 0        | 0         | 0        | 0        |
| 16:15 - 16:30 | 50.06 | 115.5  | 0        | 0        | 0         | 0        | 0        |
| 16:30 - 16:45 | 49.9  | 307.5  | 0        | 0        | 0         | 0        | 0        |
| 16:45 - 17:00 | 50    | 165    | 0        | 0        | 0         | 0        | 0        |
| 17:00 - 17:15 | 50.18 | 16.5   | 0        | 0        | 0         | 0        | 0        |
| 17:15 - 17:30 | 49.98 | 193.5  | 0        | 0        | 0         | 0        | 0        |
| 17:30 - 17:45 | 50.06 | 115.5  | 0        | 0        | 0         | 0        | 0        |
| 17:45 - 18:00 | 50.06 | 115.5  | 0        | 0        | 0         | 0        | 0        |
| 18:00 - 18:15 | 50.22 | 0      | 0        | 0        | 0         | 0        | 0        |
| 18:15 - 18:30 | 49.96 | 222    | 0        | 0        | 0         | 0        | 0        |
| 18:30 - 18:45 | 50.02 | 148.5  | 0        | 0        | 0         | 0        | 0        |
| 18:45 - 19:00 | 50.04 | 132    | 0        | 0        | 0         | 0        | 0        |
| 19:00 - 19:15 | 49.76 | 506.25 | 0        | 0        | 0         | 0        | 0        |
| 19:15 - 19:30 | 49.86 | 364.5  | 0        | 0        | 0         | 0        | 0        |
| 19:30 - 19:45 | 49.6  | 731.21 | 43.55013 | -51.3301 | 16.149975 | -0.77632 | -7.59364 |
| 19:45 - 20:00 | 49.64 | 674.97 | 76.32696 | -69.162  | 5.2851969 | -5.62057 | -6.82964 |
| 20:00 - 20:15 | 49.84 | 393    | 0        | 0        | 0         | 0        | 0        |
| 20:15 - 20:30 | 49.82 | 421.5  | 0        | 0        | 0         | 0        | 0        |
| 20:30 - 20:45 | 49.68 | 618.73 | 1.101465 | -0.93169 | -0.018871 | -0.0731  | -0.0778  |
| 20:45 - 21:00 | 49.8  | 450    | 0        | 0        | 0         | 0        | 0        |
| 21:00 - 21:15 | 49.94 | 250.5  | 0        | 0        | 0         | 0        | 0        |
| 21:15 - 21:30 | 49.94 | 250.5  | 0        | 0        | 0         | 0        | 0        |
| 21:30 - 21:45 | 50.06 | 115.5  | 0        | 0        | 0         | 0        | 0        |
| 21:45 - 22:00 | 50.1  | 82.5   | 0        | 0        | 0         | 0        | 0        |
| 22:00 - 22:15 | 49.96 | 222    | 0        | 0        | 0         | 0        | 0        |
| 22:15 - 22:30 | 49.96 | 222    | 0        | 0        | 0         | 0        | 0        |
| 22:30 - 22:45 | 49.96 | 222    | 0        | 0        | 0         | 0        | 0        |
| 22:45 - 23:00 | 50.12 | 66     | 0        | 0        | 0         | 0        | 0        |
| 23:00 - 23:15 | 50.06 | 115.5  | 0        | 0        | 0         | 0        | 0        |
| 23:15 - 23:30 | 50.14 | 49.5   | 0        | 0        | 0         | 0        | 0        |
| 23:30 - 23:45 | 50.22 | 0      | 0        | 0        | 0         | 0        | 0        |
| 23:45 - 24:00 | 50.26 | 0      | 0        | 0        | 0         | 0        | 0        |
| Total In Mus  |       |        | 0.030245 | -0.03036 | 0.0053541 | -0.00162 | -0.00363 |

| TIME BLOCK    | Frequency<br>(HZs) | UI Rate<br>Paisa/Unit | ENERGY BOOKED TO SHORTAGE DISCOM--(+) |      |       |      | Purchase/(-)Sale in Mw |  |
|---------------|--------------------|-----------------------|---------------------------------------|------|-------|------|------------------------|--|
|               |                    |                       | BRPL                                  | BYPL | TPDDL | NDMC | MES                    |  |
| 00:00 - 00:15 | 49.9               | 307.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 00:15 - 00:30 | 49.96              | 222                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 00:30 - 00:45 | 50.08              | 99                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 00:45 - 01:00 | 49.98              | 193.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 01:00 - 01:15 | 49.9               | 307.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 01:15 - 01:30 | 50                 | 165                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 01:30 - 01:45 | 50.04              | 132                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 01:45 - 02:00 | 50.06              | 115.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 02:00 - 02:15 | 49.88              | 336                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 02:15 - 02:30 | 49.94              | 250.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 02:30 - 02:45 | 50                 | 165                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 02:45 - 03:00 | 50.2               | 0                     | 0                                     | 0    | 0     | 0    | 0                      |  |
| 03:00 - 03:15 | 50.14              | 49.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 03:15 - 03:30 | 50.04              | 132                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 03:30 - 03:45 | 50.14              | 49.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 03:45 - 04:00 | 50.2               | 0                     | 0                                     | 0    | 0     | 0    | 0                      |  |
| 04:00 - 04:15 | 50.22              | 0                     | 0                                     | 0    | 0     | 0    | 0                      |  |
| 04:15 - 04:30 | 49.98              | 193.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 04:30 - 04:45 | 49.96              | 222                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 04:45 - 05:00 | 49.96              | 222                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 05:00 - 05:15 | 49.98              | 193.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 05:15 - 05:30 | 49.98              | 193.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 05:30 - 05:45 | 50.06              | 115.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 05:45 - 06:00 | 49.9               | 307.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 06:00 - 06:15 | 50.22              | 0                     | 0                                     | 0    | 0     | 0    | 0                      |  |
| 06:15 - 06:30 | 50.08              | 99                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 06:30 - 06:45 | 50                 | 165                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 06:45 - 07:00 | 50.06              | 115.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 07:00 - 07:15 | 50.28              | 0                     | 0                                     | 0    | 0     | 0    | 0                      |  |
| 07:15 - 07:30 | 50.22              | 0                     | 0                                     | 0    | 0     | 0    | 0                      |  |
| 07:30 - 07:45 | 50.14              | 49.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 07:45 - 08:00 | 50.1               | 82.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 08:00 - 08:15 | 50.06              | 115.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 08:15 - 08:30 | 49.98              | 193.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 08:30 - 08:45 | 49.9               | 307.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 08:45 - 09:00 | 49.96              | 222                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 09:00 - 09:15 | 49.88              | 336                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 09:15 - 09:30 | 49.8               | 450                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 09:30 - 09:45 | 49.96              | 222                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 09:45 - 10:00 | 50.08              | 99                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 10:00 - 10:15 | 50.14              | 49.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 10:15 - 10:30 | 50.1               | 82.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 10:30 - 10:45 | 50.04              | 132                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 10:45 - 11:00 | 50.04              | 132                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 11:00 - 11:15 | 50.1               | 82.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 11:15 - 11:30 | 49.96              | 222                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 11:30 - 11:45 | 50.06              | 115.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 11:45 - 12:00 | 50.02              | 148.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 12:00 - 12:15 | 49.94              | 250.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 12:15 - 12:30 | 49.8               | 450                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 12:30 - 12:45 | 50                 | 165                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 12:45 - 13:00 | 50.02              | 148.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 13:00 - 13:15 | 50.08              | 99                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 13:15 - 13:30 | 49.96              | 222                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 13:30 - 13:45 | 49.94              | 250.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 13:45 - 14:00 | 49.98              | 193.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 14:00 - 14:15 | 49.88              | 336                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 14:15 - 14:30 | 49.86              | 364.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |

|               |       |        |          |          |           |          |          |
|---------------|-------|--------|----------|----------|-----------|----------|----------|
| 14:30 - 14:45 | 49.82 | 421.5  | 0        | 0        | 0         | 0        | 0        |
| 14:45 - 15:00 | 50.14 | 49.5   | 0        | 0        | 0         | 0        | 0        |
| 15:00 - 15:15 | 50.18 | 16.5   | 0        | 0        | 0         | 0        | 0        |
| 15:15 - 15:30 | 50.04 | 132    | 0        | 0        | 0         | 0        | 0        |
| 15:30 - 15:45 | 50.06 | 115.5  | 0        | 0        | 0         | 0        | 0        |
| 15:45 - 16:00 | 49.96 | 222    | 0        | 0        | 0         | 0        | 0        |
| 16:00 - 16:15 | 50.06 | 115.5  | 0        | 0        | 0         | 0        | 0        |
| 16:15 - 16:30 | 50    | 165    | 0        | 0        | 0         | 0        | 0        |
| 16:30 - 16:45 | 50.14 | 49.5   | 0        | 0        | 0         | 0        | 0        |
| 16:45 - 17:00 | 50.08 | 99     | 0        | 0        | 0         | 0        | 0        |
| 17:00 - 17:15 | 50.28 | 0      | 0        | 0        | 0         | 0        | 0        |
| 17:15 - 17:30 | 50.02 | 148.5  | 0        | 0        | 0         | 0        | 0        |
| 17:30 - 17:45 | 50.02 | 148.5  | 0        | 0        | 0         | 0        | 0        |
| 17:45 - 18:00 | 50.06 | 115.5  | 0        | 0        | 0         | 0        | 0        |
| 18:00 - 18:15 | 50    | 165    | 0        | 0        | 0         | 0        | 0        |
| 18:15 - 18:30 | 49.82 | 421.5  | 0        | 0        | 0         | 0        | 0        |
| 18:30 - 18:45 | 49.86 | 364.5  | 0        | 0        | 0         | 0        | 0        |
| 18:45 - 19:00 | 49.72 | 562.49 | 0        | 0        | 0         | 0        | 0        |
| 19:00 - 19:15 | 49.6  | 731.21 | 86.11668 | -59.5979 | -80.16003 | 49.45479 | 4.186452 |
| 19:15 - 19:30 | 49.46 | 900    | 80.00519 | -62.1771 | -61.11121 | 38.44469 | 4.838452 |
| 19:30 - 19:45 | 49.54 | 815.57 | 60.06245 | -85.7081 | 12.505371 | 10.92639 | 2.213921 |
| 19:45 - 20:00 | 49.8  | 450    | 0        | 0        | 0         | 0        | 0        |
| 20:00 - 20:15 | 49.94 | 250.5  | 0        | 0        | 0         | 0        | 0        |
| 20:15 - 20:30 | 49.88 | 336    | 0        | 0        | 0         | 0        | 0        |
| 20:30 - 20:45 | 49.92 | 279    | 0        | 0        | 0         | 0        | 0        |
| 20:45 - 21:00 | 49.78 | 478.13 | 0        | 0        | 0         | 0        | 0        |
| 21:00 - 21:15 | 49.78 | 478.13 | 0        | 0        | 0         | 0        | 0        |
| 21:15 - 21:30 | 49.88 | 336    | 0        | 0        | 0         | 0        | 0        |
| 21:30 - 21:45 | 49.96 | 222    | 0        | 0        | 0         | 0        | 0        |
| 21:45 - 22:00 | 50    | 165    | 0        | 0        | 0         | 0        | 0        |
| 22:00 - 22:15 | 49.66 | 646.85 | 79.26936 | -48.6471 | -29.46073 | 2.316271 | -3.47778 |
| 22:15 - 22:30 | 49.92 | 279    | 0        | 0        | 0         | 0        | 0        |
| 22:30 - 22:45 | 49.96 | 222    | 0        | 0        | 0         | 0        | 0        |
| 22:45 - 23:00 | 49.94 | 250.5  | 0        | 0        | 0         | 0        | 0        |
| 23:00 - 23:15 | 49.92 | 279    | 0        | 0        | 0         | 0        | 0        |
| 23:15 - 23:30 | 49.86 | 364.5  | 0        | 0        | 0         | 0        | 0        |
| 23:30 - 23:45 | 49.92 | 279    | 0        | 0        | 0         | 0        | 0        |
| 23:45 - 24:00 | 50.04 | 132    | 0        | 0        | 0         | 0        | 0        |
| Total In Mus  |       |        | 0.076363 | -0.06403 | -0.039557 | 0.025286 | 0.00194  |

| TIME BLOCK    | Frequency<br>(HZs) | UI Rate<br>Paisa/Unit | ENERGY BOOKED TO SHORTAGE DISCOM--(+) |      |       |      | Purchase/(-)Sale in Mw |  |
|---------------|--------------------|-----------------------|---------------------------------------|------|-------|------|------------------------|--|
|               |                    |                       | BRPL                                  | BYPL | TPDDL | NDMC | MES                    |  |
| 00:00 - 00:15 | 50.02              | 148.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 00:15 - 00:30 | 49.98              | 193.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 00:30 - 00:45 | 50.1               | 82.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 00:45 - 01:00 | 50.08              | 99                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 01:00 - 01:15 | 50                 | 165                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 01:15 - 01:30 | 50.12              | 66                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 01:30 - 01:45 | 50.1               | 82.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 01:45 - 02:00 | 50.12              | 66                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 02:00 - 02:15 | 50.18              | 16.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 02:15 - 02:30 | 50.06              | 115.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 02:30 - 02:45 | 50.02              | 148.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 02:45 - 03:00 | 50.06              | 115.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 03:00 - 03:15 | 50.04              | 132                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 03:15 - 03:30 | 50.02              | 148.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 03:30 - 03:45 | 50.04              | 132                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 03:45 - 04:00 | 50                 | 165                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 04:00 - 04:15 | 50.08              | 99                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 04:15 - 04:30 | 50.06              | 115.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 04:30 - 04:45 | 50                 | 165                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 04:45 - 05:00 | 49.94              | 250.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 05:00 - 05:15 | 50.06              | 115.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 05:15 - 05:30 | 49.9               | 307.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 05:30 - 05:45 | 49.78              | 478.13                | 0                                     | 0    | 0     | 0    | 0                      |  |
| 05:45 - 06:00 | 49.94              | 250.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 06:00 - 06:15 | 50.08              | 99                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 06:15 - 06:30 | 49.94              | 250.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 06:30 - 06:45 | 49.9               | 307.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 06:45 - 07:00 | 49.98              | 193.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 07:00 - 07:15 | 49.88              | 336                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 07:15 - 07:30 | 50.14              | 49.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 07:30 - 07:45 | 50.08              | 99                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 07:45 - 08:00 | 50.08              | 99                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 08:00 - 08:15 | 50.26              | 0                     | 0                                     | 0    | 0     | 0    | 0                      |  |
| 08:15 - 08:30 | 49.96              | 222                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 08:30 - 08:45 | 50                 | 165                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 08:45 - 09:00 | 50.02              | 148.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 09:00 - 09:15 | 50.1               | 82.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 09:15 - 09:30 | 50                 | 165                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 09:30 - 09:45 | 49.86              | 364.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 09:45 - 10:00 | 49.98              | 193.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 10:00 - 10:15 | 50.18              | 16.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 10:15 - 10:30 | 50.18              | 16.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 10:30 - 10:45 | 50.22              | 0                     | 0                                     | 0    | 0     | 0    | 0                      |  |
| 10:45 - 11:00 | 50.16              | 33                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 11:00 - 11:15 | 50.3               | 0                     | 0                                     | 0    | 0     | 0    | 0                      |  |
| 11:15 - 11:30 | 50.04              | 132                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 11:30 - 11:45 | 50.14              | 49.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 11:45 - 12:00 | 50.06              | 115.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 12:00 - 12:15 | 50.02              | 148.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 12:15 - 12:30 | 50.06              | 115.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 12:30 - 12:45 | 50.18              | 16.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 12:45 - 13:00 | 50.12              | 66                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 13:00 - 13:15 | 50.32              | 0                     | 0                                     | 0    | 0     | 0    | 0                      |  |
| 13:15 - 13:30 | 50.14              | 49.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 13:30 - 13:45 | 49.94              | 250.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 13:45 - 14:00 | 49.98              | 193.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 14:00 - 14:15 | 49.96              | 222                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 14:15 - 14:30 | 49.94              | 250.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |

|               |       |        |          |          |           |          |          |
|---------------|-------|--------|----------|----------|-----------|----------|----------|
| 14:30 - 14:45 | 49.96 | 222    | 0        | 0        | 0         | 0        | 0        |
| 14:45 - 15:00 | 49.8  | 450    | 0        | 0        | 0         | 0        | 0        |
| 15:00 - 15:15 | 49.86 | 364.5  | 0        | 0        | 0         | 0        | 0        |
| 15:15 - 15:30 | 49.96 | 222    | 0        | 0        | 0         | 0        | 0        |
| 15:30 - 15:45 | 50.06 | 115.5  | 0        | 0        | 0         | 0        | 0        |
| 15:45 - 16:00 | 50.06 | 115.5  | 0        | 0        | 0         | 0        | 0        |
| 16:00 - 16:15 | 50.16 | 33     | 0        | 0        | 0         | 0        | 0        |
| 16:15 - 16:30 | 50.04 | 132    | 0        | 0        | 0         | 0        | 0        |
| 16:30 - 16:45 | 50.08 | 99     | 0        | 0        | 0         | 0        | 0        |
| 16:45 - 17:00 | 50.02 | 148.5  | 0        | 0        | 0         | 0        | 0        |
| 17:00 - 17:15 | 50.16 | 33     | 0        | 0        | 0         | 0        | 0        |
| 17:15 - 17:30 | 49.94 | 250.5  | 0        | 0        | 0         | 0        | 0        |
| 17:30 - 17:45 | 50.06 | 115.5  | 0        | 0        | 0         | 0        | 0        |
| 17:45 - 18:00 | 50.04 | 132    | 0        | 0        | 0         | 0        | 0        |
| 18:00 - 18:15 | 50    | 165    | 0        | 0        | 0         | 0        | 0        |
| 18:15 - 18:30 | 50.1  | 82.5   | 0        | 0        | 0         | 0        | 0        |
| 18:30 - 18:45 | 50.14 | 49.5   | 0        | 0        | 0         | 0        | 0        |
| 18:45 - 19:00 | 50.02 | 148.5  | 0        | 0        | 0         | 0        | 0        |
| 19:00 - 19:15 | 49.74 | 534.37 | 0        | 0        | 0         | 0        | 0        |
| 19:15 - 19:30 | 49.98 | 193.5  | 0        | 0        | 0         | 0        | 0        |
| 19:30 - 19:45 | 49.9  | 307.5  | 0        | 0        | 0         | 0        | 0        |
| 19:45 - 20:00 | 49.92 | 279    | 0        | 0        | 0         | 0        | 0        |
| 20:00 - 20:15 | 50.06 | 115.5  | 0        | 0        | 0         | 0        | 0        |
| 20:15 - 20:30 | 49.88 | 336    | 0        | 0        | 0         | 0        | 0        |
| 20:30 - 20:45 | 49.62 | 703.09 | 49.67739 | -11.6557 | -41.18081 | 0.020972 | 3.138126 |
| 20:45 - 21:00 | 50.12 | 66     | 0        | 0        | 0         | 0        | 0        |
| 21:00 - 21:15 | 50    | 165    | 0        | 0        | 0         | 0        | 0        |
| 21:15 - 21:30 | 50.2  | 0      | 0        | 0        | 0         | 0        | 0        |
| 21:30 - 21:45 | 50.18 | 16.5   | 0        | 0        | 0         | 0        | 0        |
| 21:45 - 22:00 | 50.22 | 0      | 0        | 0        | 0         | 0        | 0        |
| 22:00 - 22:15 | 49.9  | 307.5  | 0        | 0        | 0         | 0        | 0        |
| 22:15 - 22:30 | 50.06 | 115.5  | 0        | 0        | 0         | 0        | 0        |
| 22:30 - 22:45 | 50.12 | 66     | 0        | 0        | 0         | 0        | 0        |
| 22:45 - 23:00 | 50.04 | 132    | 0        | 0        | 0         | 0        | 0        |
| 23:00 - 23:15 | 49.96 | 222    | 0        | 0        | 0         | 0        | 0        |
| 23:15 - 23:30 | 49.94 | 250.5  | 0        | 0        | 0         | 0        | 0        |
| 23:30 - 23:45 | 49.96 | 222    | 0        | 0        | 0         | 0        | 0        |
| 23:45 - 24:00 | 49.98 | 193.5  | 0        | 0        | 0         | 0        | 0        |
| Total In Mus  |       |        | 0.012419 | -0.00291 | -0.010295 | 5.24E-06 | 0.000785 |

| TIME BLOCK    | Frequency<br>(HZs) | UI Rate<br>Paisa/Unit | ENERGY BOOKED TO SHORTAGE DISCOM--(+) |      |       |      | Purchase/(-)Sale in Mw |  |
|---------------|--------------------|-----------------------|---------------------------------------|------|-------|------|------------------------|--|
|               |                    |                       | BRPL                                  | BYPL | TPDDL | NDMC | MES                    |  |
| 00:00 - 00:15 | 49.98              | 193.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 00:15 - 00:30 | 50.04              | 132                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 00:30 - 00:45 | 50                 | 165                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 00:45 - 01:00 | 49.96              | 222                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 01:00 - 01:15 | 49.98              | 193.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 01:15 - 01:30 | 50.08              | 99                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 01:30 - 01:45 | 50.04              | 132                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 01:45 - 02:00 | 50.08              | 99                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 02:00 - 02:15 | 50.16              | 33                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 02:15 - 02:30 | 50.1               | 82.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 02:30 - 02:45 | 50.18              | 16.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 02:45 - 03:00 | 50.12              | 66                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 03:00 - 03:15 | 50.22              | 0                     | 0                                     | 0    | 0     | 0    | 0                      |  |
| 03:15 - 03:30 | 50.22              | 0                     | 0                                     | 0    | 0     | 0    | 0                      |  |
| 03:30 - 03:45 | 50.16              | 33                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 03:45 - 04:00 | 50.12              | 66                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 04:00 - 04:15 | 50.24              | 0                     | 0                                     | 0    | 0     | 0    | 0                      |  |
| 04:15 - 04:30 | 50.22              | 0                     | 0                                     | 0    | 0     | 0    | 0                      |  |
| 04:30 - 04:45 | 50.12              | 66                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 04:45 - 05:00 | 50.08              | 99                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 05:00 - 05:15 | 50.02              | 148.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 05:15 - 05:30 | 49.96              | 222                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 05:30 - 05:45 | 49.94              | 250.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 05:45 - 06:00 | 49.94              | 250.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 06:00 - 06:15 | 50.02              | 148.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 06:15 - 06:30 | 49.9               | 307.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 06:30 - 06:45 | 49.96              | 222                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 06:45 - 07:00 | 50.04              | 132                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 07:00 - 07:15 | 49.98              | 193.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 07:15 - 07:30 | 50.06              | 115.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 07:30 - 07:45 | 50.08              | 99                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 07:45 - 08:00 | 50.14              | 49.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 08:00 - 08:15 | 50.18              | 16.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 08:15 - 08:30 | 50.04              | 132                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 08:30 - 08:45 | 50.02              | 148.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 08:45 - 09:00 | 50                 | 165                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 09:00 - 09:15 | 50.1               | 82.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 09:15 - 09:30 | 50.04              | 132                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 09:30 - 09:45 | 50                 | 165                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 09:45 - 10:00 | 50.06              | 115.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 10:00 - 10:15 | 50.3               | 0                     | 0                                     | 0    | 0     | 0    | 0                      |  |
| 10:15 - 10:30 | 50.24              | 0                     | 0                                     | 0    | 0     | 0    | 0                      |  |
| 10:30 - 10:45 | 50.1               | 82.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 10:45 - 11:00 | 50.08              | 99                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 11:00 - 11:15 | 50.16              | 33                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 11:15 - 11:30 | 50.1               | 82.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 11:30 - 11:45 | 50.12              | 66                    | 0                                     | 0    | 0     | 0    | 0                      |  |
| 11:45 - 12:00 | 50.02              | 148.5                 | 0                                     | 0    | 0     | 0    | 0                      |  |
| 12:00 - 12:15 | 50.1               | 82.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 12:15 - 12:30 | 50.04              | 132                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 12:30 - 12:45 | 50                 | 165                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 12:45 - 13:00 | 50.14              | 49.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 13:00 - 13:15 | 50.18              | 16.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 13:15 - 13:30 | 50.1               | 82.5                  | 0                                     | 0    | 0     | 0    | 0                      |  |
| 13:30 - 13:45 | 49.96              | 222                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 13:45 - 14:00 | 50.04              | 132                   | 0                                     | 0    | 0     | 0    | 0                      |  |
| 14:00 - 14:15 | 50                 | 165                   | 0                                     | 0    | 0     | 0    | 0                      |  |

|               |       |        |          |          |           |          |          |   |
|---------------|-------|--------|----------|----------|-----------|----------|----------|---|
| 14:15 - 14:30 | 49.92 | 279    | 0        | 0        | 0         | 0        | 0        | 0 |
| 14:30 - 14:45 | 49.92 | 279    | 0        | 0        | 0         | 0        | 0        | 0 |
| 14:45 - 15:00 | 50    | 165    | 0        | 0        | 0         | 0        | 0        | 0 |
| 15:00 - 15:15 | 50.14 | 49.5   | 0        | 0        | 0         | 0        | 0        | 0 |
| 15:15 - 15:30 | 49.94 | 250.5  | 0        | 0        | 0         | 0        | 0        | 0 |
| 15:30 - 15:45 | 49.98 | 193.5  | 0        | 0        | 0         | 0        | 0        | 0 |
| 15:45 - 16:00 | 49.94 | 250.5  | 0        | 0        | 0         | 0        | 0        | 0 |
| 16:00 - 16:15 | 50.14 | 49.5   | 0        | 0        | 0         | 0        | 0        | 0 |
| 16:15 - 16:30 | 49.98 | 193.5  | 0        | 0        | 0         | 0        | 0        | 0 |
| 16:30 - 16:45 | 50.04 | 132    | 0        | 0        | 0         | 0        | 0        | 0 |
| 16:45 - 17:00 | 49.98 | 193.5  | 0        | 0        | 0         | 0        | 0        | 0 |
| 17:00 - 17:15 | 50.16 | 33     | 0        | 0        | 0         | 0        | 0        | 0 |
| 17:15 - 17:30 | 49.98 | 193.5  | 0        | 0        | 0         | 0        | 0        | 0 |
| 17:30 - 17:45 | 50.02 | 148.5  | 0        | 0        | 0         | 0        | 0        | 0 |
| 17:45 - 18:00 | 49.98 | 193.5  | 0        | 0        | 0         | 0        | 0        | 0 |
| 18:00 - 18:15 | 49.86 | 364.5  | 0        | 0        | 0         | 0        | 0        | 0 |
| 18:15 - 18:30 | 49.84 | 393    | 0        | 0        | 0         | 0        | 0        | 0 |
| 18:30 - 18:45 | 49.88 | 336    | 0        | 0        | 0         | 0        | 0        | 0 |
| 18:45 - 19:00 | 49.86 | 364.5  | 0        | 0        | 0         | 0        | 0        | 0 |
| 19:00 - 19:15 | 49.74 | 534.37 | 0        | 0        | 0         | 0        | 0        | 0 |
| 19:15 - 19:30 | 49.62 | 703.09 | 21.84268 | -34.778  | -12.55122 | 24.68811 | 0.798463 |   |
| 19:30 - 19:45 | 49.6  | 731.21 | 27.99684 | -39.5229 | -9.670478 | 20.04209 | 1.154463 |   |
| 19:45 - 20:00 | 49.78 | 478.13 | 0        | 0        | 0         | 0        | 0        | 0 |
| 20:00 - 20:15 | 49.76 | 506.25 | 0        | 0        | 0         | 0        | 0        | 0 |
| 20:15 - 20:30 | 49.84 | 393    | 0        | 0        | 0         | 0        | 0        | 0 |
| 20:30 - 20:45 | 49.68 | 618.73 | 0        | 0        | 0         | 0        | 0        | 0 |
| 20:45 - 21:00 | 49.88 | 336    | 0        | 0        | 0         | 0        | 0        | 0 |
| 21:00 - 21:15 | 49.7  | 590.61 | 0        | 0        | 0         | 0        | 0        | 0 |
| 21:15 - 21:30 | 49.74 | 534.37 | 0        | 0        | 0         | 0        | 0        | 0 |
| 21:30 - 21:45 | 49.86 | 364.5  | 0        | 0        | 0         | 0        | 0        | 0 |
| 21:45 - 22:00 | 49.94 | 250.5  | 0        | 0        | 0         | 0        | 0        | 0 |
| 22:00 - 22:15 | 49.62 | 703.09 | 75.74268 | -93.4704 | -17.41583 | 39.29594 | -4.15236 |   |
| 22:15 - 22:30 | 49.84 | 393    | 0        | 0        | 0         | 0        | 0        | 0 |
| 22:30 - 22:45 | 49.9  | 307.5  | 0        | 0        | 0         | 0        | 0        | 0 |
| 22:45 - 23:00 | 49.86 | 364.5  | 0        | 0        | 0         | 0        | 0        | 0 |
| 23:00 - 23:15 | 49.86 | 364.5  | 0        | 0        | 0         | 0        | 0        | 0 |
| 23:15 - 23:30 | 49.9  | 307.5  | 0        | 0        | 0         | 0        | 0        | 0 |
| 23:30 - 23:45 | 50    | 165    | 0        | 0        | 0         | 0        | 0        | 0 |
| 23:45 - 24:00 | 49.98 | 193.5  | 0        | 0        | 0         | 0        | 0        | 0 |
| Total In Mus  |       |        | 0.031396 | -0.04194 | -0.009909 | 0.021007 | -0.00055 |   |