



DELHI TRANSCO LIMITED.

(A Govt. of NCT of Delhi Undertaking)

STATE LOAD DESPATCH CENTER

REGD. OFFICE : SHAKTI SADAN, KOTLA MARG, NEW DELHI-110002

SLDC Building, 33kV Minto Road Grid Sub-Station, New Delhi-110002

Annual Report

2014-15

CONTENTS

| Sr. No. | Chapter | Page nos. |
|----------------|--|------------------|
| 1 | Introduction | 4 |
| 2 | Licensees Operating in Delhi Power System | 5 |
| 3 | Organization set up | 6 |
| 4 | Functions of SLDC | 7-8 |
| 5 | Major Activities of SLDC during 2014-15 | 9-12 |
| 6 | Salient features of Delhi Power System | 13 |
| 7 | Performance of generating stations within Delhi | 14 |
| 8 | Details of outage of generating stations within Delhi | 15-29 |
| 9 | Power Supply position of Delhi | 30-70 |
| 10 | Frequency spectrum | 71 |
| 11 | Details of Under Frequency Relay Trippings | 71 |
| 12 | Interstate Transmission Losses | 72-77 |
| 13 | Allocation of power to Distribution Licensees | 78-87 |
| 14 | Inter Discom Transfer of Power | 88-91 |
| 15 | Implementation of Inter State ABT in Delhi | 92-103 |
| 16 | Capacitor Requirement in Delhi | 104-114 |
| 17 | Availability of Delhi Transco's Transmission System | 115 |
| 18 | New Elements commissioned in Transmission network during 2014-15 | 116 |
| 19 | Trippings / Break-downs in 400/220kV System. | 117-163 |

1 INTRODUCTION

Delhi Transco Limited is the State Transmission Utility of the National Capital Territory of Delhi. It is responsible for transmission of power at 220KV and 400KV level, besides up gradation operation and maintenance of EHV Network as per system requirements.

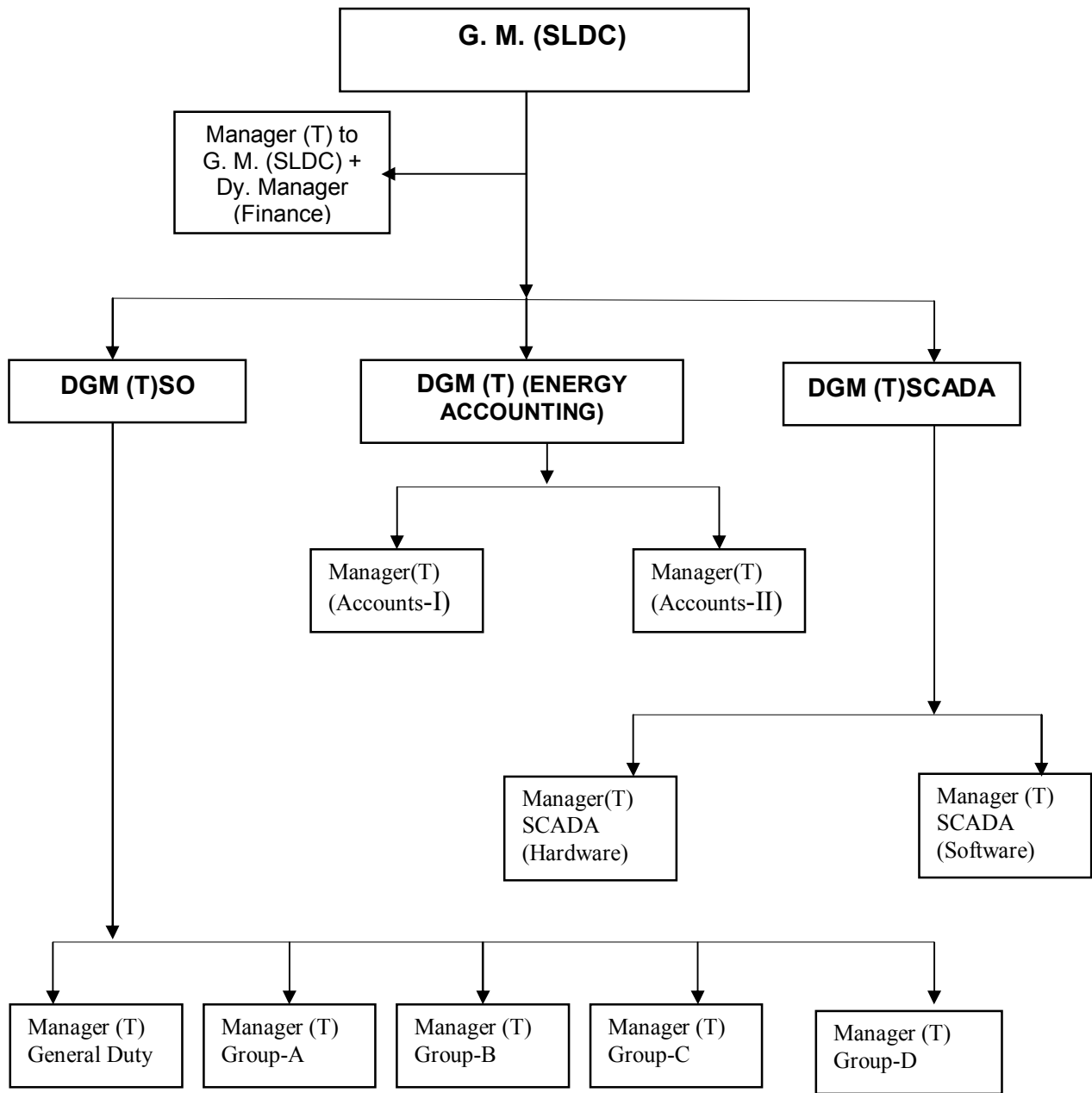
After the enactment of Electricity Act 2003, a new department under the name and style of **State Load Despatch Centre (SLDC)** under Delhi Transco Limited was created, as an Apex body to ensure integrated operation of the power system in Delhi. Earlier the department was part of O&M Department of Delhi Transco Ltd / Delhi Vidyut Board. SLDC Delhi started its function on the First of January 2004. SLDC is responsible for the real time Load Despatch function, O&M of SCADA System and Energy Accounting.

It's mission is to facilitate intra and inter state transfer of power with Reliability, Security and Economy on sound commercial principles.

2 LICENSEES OPERATING IN DELHI POWER SYSTEM

- | | | | |
|----|---|---|---------------------------------------|
| 1) | DELHI TRANSCO LTD.(DTL) | : | TRANSMISSION LICENSEE (STU, DELHI) |
| 2) | INDRAPRASTHA POWER GENERATING COMPANY LTD. (IPGCL) | : | GENERATING UTILITY |
| 3) | PRAGATI POWER CORPORATION LTD. (PPCL) | : | GENERATING UTILITY |
| 4) | BSES RAJDHANI POWER LTD. (BRPL) | : | DISTRIBUTION LICENSEE |
| 5) | BSES YAMUNA POWER LTD. (BYPL) | : | DISTRIBUTION LICENSEE |
| 6) | TATA POWER DELHI DISTRIBUTION LTD. (TPDDL) | : | DISTRIBUTION LICENSEE |
| 7) | NEW DELHI MUNICIPAL COUNCIL (NDMC) | : | DEEMED DISTRIBUTION LICENSEE |
| 8) | MILITARY ENGINEERING SERVICE (MES) | : | DEEMED DISTRIBUTION LICENSEE |

3 ORGANISATIONAL SETUP OF SLDC DEPARTMENT



4 Functions of various circles of SLDC

- i) System Operation
- ii) SCADA Division
- iii) Energy Accounting

4.1 System Operation

System Operation Circle is mainly responsible for techno-economic scheduling and dispatch of electricity within the NCT of Delhi in accordance with the contracts entered into with the licensees or the generating companies operating in Delhi.

The System Operation Division monitors grid operations, exercise supervision and control over the intra-state transmission system and carry out the real time operation of grid control and dispatch of electricity within Delhi through secure and economic operations of the State Grid in accordance with the Grid standards and the State Grid Code.

The responsibility for implementation of these procedures lies with the Managers (System Operation) General Shift as well as in Manager (System Operation) shifts in round the clock basis under the overall supervision and control of Dy.G.M.(S.O).

4.2 Supervisory Control and Data Acquisition (SCADA)

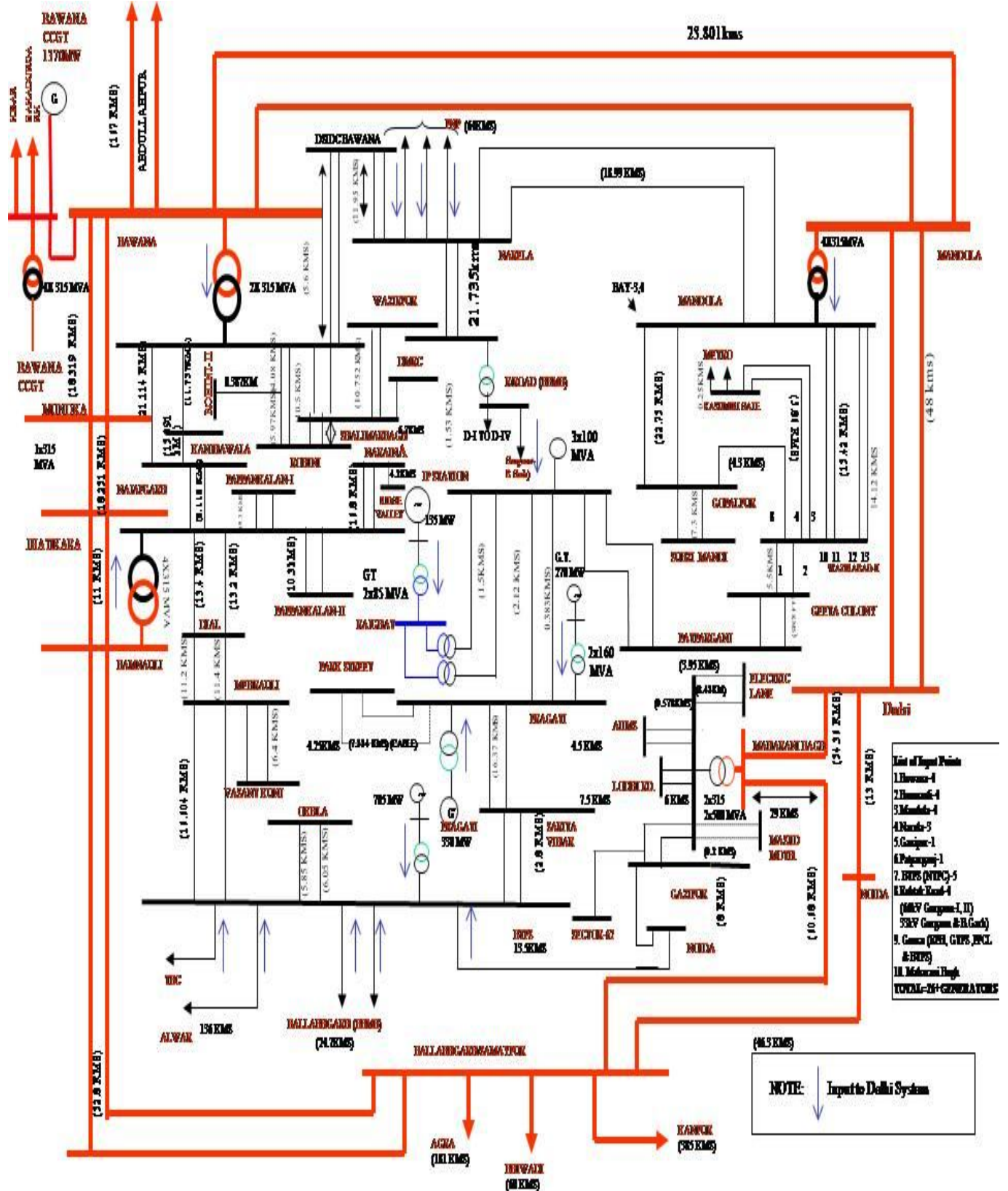
SLDC has a state of art Load despatch centre having SCADA (Supervisor Control And Data Acquisition System) for retrieving information from generating stations and grid sub stations consisting of analog data (like Mega Watt, Voltage, Current, MVar) and digital status of various elements (like Circuit Breaker, Isolator etc.) for real time operation of grid, enabling it to operate safely, securely and economically.

The data from sub station is received through an existing communication ring comprising of OPGW, Microwave and PLCC links. For indicating this data on control room monitors, the hardware and communication links at sub stations are maintained round the clock by the hardware and PLCC sub divisions. The software sub division of SCADA has developed in-house softwares for various activities.

4.3 Energy Accounting

The circle is to undertake the accounting of the quantity of electricity transmitted through the state grid as envisaged in the Electricity Act. This includes the preparation of State Energy Accounts indicating Availability, Scheduled Generation, Plant Load Factor computation, Open Cycle Operation of Gas Turbines etc. in respect of Generating Stations within Delhi. It has also to prepare and issue weekly Deviation Settlement Mechanism (DSM) Accounts for Interstate utilities. At present, this circle's responsibilities are being discharged by System Operation circle.

4.4 Single Line Diagram of Delhi Power System



5 MAJOR ACTIVITIES OF SLDC DURING 2014-15

In the second phase of power reforms undertaken in Delhi, the power purchase agreements executed by DESU / DVB / DTL have been reassigned to Distribution Licensees / Deemed Distribution Licensees from 01.04.2007. Subsequently, Intrastate ABT has also been introduced in Delhi w.e.f. 01.04.2007 which is first in the country. Delhi State Electricity Regulatory Commission has subsequently come out with Delhi Grid code (DGC) notified in official Gezette on 22.04.2008. Delhi Grid Code envisages Grid Coordination Committee whose responsibilities are :-

The Grid Coordination Committee shall be responsible for the following matters namely -

- (a) facilitating the implementation of these Regulations and the procedures developed under the provisions of these Regulations;
- (b) assessing and recommending remedial measures for issues that might arise during the course of implementation of provisions of these Regulations and the procedures developed under the provisions of these Regulations;
- (c) review of the DGC, in accordance with the provisions of the Act and these Regulations;
- (d) analyse any major grid disturbance after its occurrence,
- (e) examining problems raised by the Users, and
- (f) investigate in case any Beneficiary is indulging in unfair gaming or collusion after getting reported from SLDC.
- (g) review of the complete statement of the State UI (now DSM) and the State Reactive Energy account tabled by the SLDC through its Commercial Committee (a Sub-committee of GCC); and
- (h) such other matters as may be directed by the Commission from time to time.

Deputy General Manager (System Operation) is the Convener of the GCC. GCC further formed various Sub-Committees whose responsibilities are detailed hereunder:-

- a) **Operation Co-Ordination Sub-Committee (OCC)**
- b) **Commercial Sub-Committee (CC)**
- c) **Protection Sub-Committee (PC)**
- d) **System Study Sub-Committee**

5.1 OPERATION CO-ORDINATION SUB-COMMITTEE (OCC)

Functions and Responsibilities:

Operation Co-ordination Committee (OCC) is responsible for

- Settle all issues related to operation of the Delhi / Regional grid viz. reviewing the schedule v/s. actual generation of various power stations drawn up in the previous month;
- estimating availability of power and energy from each power station and demand of each licensee for the current and next month;
- drawing up coordinated maintenance schedule for Intrastate generating units and Intrastate transmission network;
- reviewing operational discipline and its norms to be observed by constituents;
- reviewing the operation of Automatic Under-Frequency Relays;
- discussing system occurrences, if any, during the previous month ;
- reviewing the status of implementation of the recommendations of the Inquiry Committees;
- monitoring / reviewing violation of provisions of IEGC/DGC related to grid operation;
- discussing / reviewing measures for ensuring economic grid operation including optimization of energy transfer with other constituents;
- examining possibility of optimizing intra state energy exchanges;
- discussing optimization of energy transfer with other states; and
- any other matter referred by the GCC.

5.2 COMMERCIAL SUB-COMMITTEE (CC):

Functions and Responsibilities :

Commercial Sub-Committee(CC) is responsible for

- all commercial related issues viz. energy accounting ;
- schemes required for inclusion in the Bulk Power Supply Agreements ;
- requirement of power from the new projects ;
- installation of special energy meters and its cost sharing, etc.;
- metering aspects;
- reviewing of the payments towards UI (now DSM) charges ;
- treatment of transmission losses;
- commercial declaration of lines / substation and Generating units;
- commercial issues in intra state exchange of power ;
- issues concerning settlement of payments among constituents, if any, etc. and ;
- any other matter referred by the GCC.

Auditing Commercial Committee shall audit the State Energy Accounts, Intra State UI Accounts and Inter discom Energy Transfer Account & Reactive Pool Accounts.

5.3 PROTECTION SUB-COMMITTEE (PC)

Functions and Responsibilities:

Protection Sub-Committee (PC) is responsible for

- all power system protection related issues viz. analysis of system disturbances in the state;
- review of protective relaying schemes ;
- relay co-ordination ;
- islanding schemes;
- automatic under frequency load shedding schemes;
- review of the implementation of recommendations made by the Inquiry Committee of the grid disturbance in the state / region concerning the above matters, etc.;
- and any other matter referred by the GCC.

5.4 SYSTEM STUDY SUB-COMMITTEE:

Functions and Responsibilities

System Study Sub-Committee entrusted with the work to carry out following system studies

- Studies for assessment of the quantum of capacitors required in the state taking into account the expected additions in the generation and transmission systems and the low voltage conditions in the system. The study shall be correlated with that of capacitor requirement study of being carried out at Regional level at NRPC.
- Studies for review of area wise reactive compensation requirement
- Operational load flow studies as & when required, for peak conditions off peak conditions etc.
- Short-circuit studies as and when required.
- Transient stability studies for major events like grid disturbances or other issues periodically or as and when requested by the constituent(s).
- System studies related to transmission constraints.
- Studies specific to high / low voltage conditions with specific reference to reactors or capacitors operation / requirement.
- Identification of requirement of reactors as and when required
- Co-relation of protection related issues from Studies as and when required
- To draw out the contingency plan of Delhi Power System.
- Any other technical study referred by the GCC.

The above said Sub-Committee meets periodically to transact business as envisaged in their formation.

The Apex Committee, Grid Coordination met once during the year. The details of various decisions taken in the meeting are as under :-

| S. No. | Date of meeting | Discussions and Decision on the issue(s) |
|---------------|------------------------|--|
| 1 | 29.12.2004 | <p>GCC meetin held on 29.12.2014 and the following issues were discussed and decided:-</p> <ol style="list-style-type: none"> 1) Discoms were advised to keep their drawal as per their drawal schedule and at the same time should also consider the drawal of Delhi as a whole from the Grid so as to avoid unnecessary load shedding in case Delhi's drawal is less than the scheduled drawal. It was also advised that all Discoms should enable the existing ADMS system based on the revised Grid Codes as early as possible. 2) GCC requested the utilities to pay the dues as per the Hon'ble Supreme Court directions to maintain the day to day operations of the Generating and Transmission Utilities thereby the consumers' supply can be maintained. 3) Status of implementation of recommendations of Expert Committee for Grid Disturbance occurred on 30/31.07.2012 was also discussed. 4) System Improvement plans for reliable supply were discussed. 5) SLDC indicated the actual power supply position of summer 2014 against the anticipation. 6) Various Commercial and Operational issues discussed and finalized. |

6 SALIENT FEATURES OF DELHI POWER SYSTEM

| Sr. No. | Features | 2013-14 | 2014-15 |
|---------|--|------------------|----------------|
| 1 | Effective Generation Capacity within Delhi in MW | | |
| | Rithala | 94.2 | 94.2 |
| | Rajghat Power House | 135 | 135 |
| | Gas Turbine | 270 | 270 |
| | Pragati Stage-I | 330 | 330 |
| | Badapur Thermal Power Station | 705 | 705 |
| | Bawana CCGT | 1371 | 1371 |
| | Timarpur Okhla Waste Management Ltd | 16 | 16 |
| | Total | 2922 | 2922 |
| 2 | Maximum Unrestricted Demand (MW) | 5714 | 6006 |
| | Date | 06.06.13 | 15.07.14 |
| | Time | 15:38:41 | 15:20:20 |
| 3 | Peak Demand met (MW) | 5653 | 5925 |
| | Date | 06.06.13 | 15.07.14 |
| | Time | 15:38:41 | 15:20:20 |
| 4 | Peak Availability (MW) | 5298 | 5766 |
| 5 | Shortage (-) / Surplus (+) in MW | (-)355 | (-)159 |
| 6 | Percentage Shortage (-) / Surplus (+) | (-) 6.28 | (-)2.68 |
| 7 | Maximum Energy Consume in a day (Mus) | 109.661 | 121.410 |
| 8 | Energy Consumed during the year | 28020.958 | 28848.254 |
| 9 | Load Shedding in Mus | | |
| A) | Due to Grid Restrictions | | |
| i) | Under Frequency Relay Operations | 0.175 | 0.027 |
| ii) | Load Shedding by | | |
| | TPDDL | 10.328 | 4.992 |
| | BRPL | 12.688 | 21.805 |
| | BYPL | 8.121 | 8.941 |
| | NDMC | 0.127 | 0.080 |
| | MES | 0.000 | 0.003 |
| iii) | Due to Transmission Constraints in Central Sector System | 4.183 | 1.526 |
| | Total due to Grid Restriction | 35.622 | 37.374 |
| B) | Due to Constraints in System | | |
| | DTL | 17.495 | 44.359 |
| | TPDDL | 4.456 | 6.818 |
| | BRPL | 12.587 | 12.931 |
| | BYPL | 4.121 | 5.399 |
| | NDMC | 0.017 | 0.026 |
| | MES | 0.000 | 0.000 |
| | Other Agencies | 2.745 | 9.965 |
| | Total | 41.422 | 79.498 |
| 11 | Total Load Shedding in MUs | 77.044 | 116.872 |
| 12 | Load shedding in percentage of Energy Consumption | 0.275 | 0.405 |

7. PERFORMANCE OF GENERATING STATIONS WITHIN DELHI DURING YEAR 2014-15.

| Sr. No | Power Station | Effective Capacity (MW) | Gross Generation in MUs | Ex-bus Generation In MUs | Plant Availability Factor in %age |
|---------------|--------------------------------------|--------------------------------|--------------------------------|---------------------------------|--|
| 1 | Rithala CCTG | 94.2 | 0.000 | 0.000 | 87.99 |
| 2 | Rajghat TPS | 135 | 423.053 | 358.476 | 56.50 |
| 3 | Gas Turbine | 270 | 936.276 | 905.061 | 68.80 |
| 4 | Pragati Stage-I | 330 | 1846.461 | 1800.269 | 85.62 |
| 5 | BTPS | 705 | 3295.909 | 2933.359 | 85.46 |
| 6 | Bawana CCGT | 1371 | 2234.391 | 2147.922 | 92.32 |
| 7 | Timarpur Okhla Waste Management Ltd. | 16 | 135.529 | 115.552 | -- |
| 8 | Total | 2921.2 | 8871.619 | 8260.639 | |

The gross generation and ex-bus generation is shown on the basis of operational figures calculated on day to day basis.

8. DETAILS OF OUTAGES OF GENERATING STATIONS WITHIN DELHI FOR 2014-15

RPH

| Unit No | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|----------|----------------|----------|-------|----------------------------------|-------|--|
| | | Date | Time | Date | Time | |
| 1 | 67.5 | 04.11.13 | 12.00 | 16.04.14 | 10.50 | Stopped due to low demand and high frequency |
| | | 04.05.14 | 10.35 | 07.05.14 | 03.10 | Boiler tube leakage |
| | | 07.05.14 | 15.35 | 07.05.14 | 16.20 | Loss of fuel |
| | | 07.05.14 | 16.40 | 07.05.14 | 19.25 | Loss of fuel |
| | | 10.05.14 | 22.30 | 10.05.14 | 23.20 | Flame failure |
| | | 13.05.14 | 10.45 | 14.05.14 | 15.10 | Stopped due to low demand and high frequency |
| | | 14.05.14 | 15.40 | 14.05.14 | 16.25 | Drum level low |
| | | 14.05.14 | 17.30 | 14.05.14 | 17.55 | Excitation failure |
| | | 22.05.14 | 09.20 | 22.05.14 | 10.45 | Turbine trip |
| | | 22.05.14 | 22.25 | 23.05.14 | 00.50 | Flame failure |
| | | 23.05.14 | 22.30 | 24.05.14 | 00.00 | Turbine trip |
| | | 24.05.14 | 00.50 | 24.05.14 | 01.20 | Furnance pressure very high |
| | | 30.05.14 | 16.55 | 31.05.14 | 00.00 | Unit tripped due to grid disturbance |
| | | 31.05.14 | 00.15 | 31.05.14 | 02.30 | Drum level low |
| | | 09.06.14 | 13.15 | 09.06.14 | 19.25 | Unit tripped due to 220kV supply fail |
| | | 21.06.14 | 18.00 | 21.06.14 | 20.05 | Unit tripped due to 220kV supply fail |
| | | 23.06.14 | 01.40 | 23.06.14 | 04.05 | Unit tripped due to 220kV supply fail |
| | | 25.06.14 | 05.00 | 25.06.14 | 09.25 | Unit tripped due to 220kV supply fail |
| | | 02.07.14 | 14.05 | 02.07.14 | 16.10 | Unit tripped due to 220kV supply failure |
| | | 03.07.14 | 12.05 | 05.07.14 | 17.15 | Boiler tube leakage |
| | | 18.07.14 | 03.20 | 18.07.14 | 06.20 | Tripped due to turbine trip |
| | | 12.08.14 | 01.20 | 16.08.14 | 20.30 | Stopped due to low demand and high frequency |
| | | 17.08.14 | 11.30 | 19.08.14 | 23.00 | Stopped to attend boiler tube leakage |
| | | 22.08.14 | 10.05 | 22.08.14 | 12.20 | Unit tripped due to flame failure |
| | | 23.08.14 | 12.20 | 23.08.14 | 22.20 | Desynchronised due to heavy water leakage from spary line. |
| | | 16.09.14 | 04.45 | 16.09.14 | 17.25 | Unit tripped due to furnance pr high |
| | | 20.09.14 | 03.10 | 20.09.14 | 04.10 | |
| | | 20.09.14 | 22.45 | 22.09.14 | 23.05 | Boiler tube leakage |
| | | 26.09.14 | 10.15 | 02.01.15 | 14.40 | Tripped due to flame failure , later on Stopped due to low demand and high frequency from 01.10.2014 |
| | | 02.01.15 | 17.20 | 02.01.15 | 18.05 | Unit tripped due to loss of fuel |
| | | 03.01.15 | 06.40 | 03.01.15 | 07.10 | Unit tripped due to turbine trip |
| | | 03.01.15 | 14.55 | 03.01.15 | 19.55 | Unit tripped due to loss of fuel |
| | | 04.01.15 | 11.30 | 04.01.15 | 11.55 | Unit tripped due to loss of fuel |
| | | 05.01.15 | 01.50 | 05.01.15 | 03.10 | Unit tripped due to furnance preseure very high |
| | | 09.01.15 | 12.30 | 09.01.15 | 15.35 | Unit tripped due to loss of fuel |
| | | 16.01.15 | 23.35 | 17.01.15 | 00.05 | Unit tripped due to loss of fuel |
| | | 21.01.15 | 12.30 | 21.01.15 | 13.05 | Unit tripped due to drum level low |
| | | 23.01.15 | 17.50 | 24.01.15 | 06.40 | Unit desynchronized due to boiler spary line burst |
| | | 25.01.15 | 09.40 | 27.01.15 | 10.15 | Unit tripped due to leakage in CW line |
| | | 10.02.15 | 06.25 | 10.02.15 | 07.15 | Unit tripped due to flame failure |
| 10.02.15 | 07.45 | 10.02.15 | 08.10 | | | |
| 11.02.15 | 11.20 | 11.02.15 | 12.05 | Unit tripped due to loss of fuel | | |

| Unit No | Capacity in MW | Outage | | Synchronization | | Reason of Outage | | |
|----------|----------------|----------|-------|-------------------------------------|-------|---|-------|---|
| | | Date | Time | Date | Time | | | |
| 1 | 67.5 | 20.02.15 | 18.05 | 20.02.15 | 19.50 | Unit tripped due to drum level low | | |
| | | 22.05.15 | 10.50 | 22.05.15 | 13.25 | Unit tripped due to furnance preseure very high | | |
| | | 22.02.15 | 13.55 | 22.02.15 | 14.20 | Unit tripped due to both FD fan tripped | | |
| | | 22.02.15 | 15.00 | 22.02.15 | 15.30 | Unit tripped due to drum level very high | | |
| | | 22.05.15 | 16.30 | 22.05.15 | 16.55 | Unit tripped due to furnance preseure very high | | |
| | | 24.02.15 | 08.15 | 24.02.15 | 09.40 | Unit tripped due to furnance preseure high | | |
| | | 02.03.15 | 09.20 | 10.03.15 | 19.25 | Unit tripped due to furnance preseure very high | | |
| | | 10.03.15 | 21.05 | 10.03.15 | 21.30 | Unit tripped due to drum level low | | |
| | | 11.03.15 | 00.10 | 11.03.15 | 00.35 | | | |
| | | 11.03.15 | 03.00 | 11.03.15 | 04.50 | | | |
| | | 11.03.15 | 08.55 | 11.03.15 | 10.00 | Unit tripped due to furnance preseure very high | | |
| | | 11.03.15 | 11.55 | 11.03.15 | 12.15 | Unit tripped due to flame failure | | |
| | | 11.03.15 | 13.00 | 11.03.15 | 15.45 | Unit tripped due to grid disturbance | | |
| | | 14.03.15 | 10.35 | 14.03.15 | 12.15 | | | |
| | | 19.03.15 | 09.30 | 19.03.15 | 11.30 | Unit tripped due to monkey jumped on bay no. 13 | | |
| | | 21.03.15 | 13.40 | 21.03.15 | 19.45 | Unit tripped due to grid disturbance | | |
| | | 21.03.15 | 20.05 | 21.03.15 | 21.00 | Unit tripped due to drum level low | | |
| | | 23.03.15 | 00.30 | 23.03.15 | 02.00 | Unit tripped due to both FD fan tripped | | |
| | | 2 | 67.5 | 15.03.14 | 18.00 | 16.04.14 | 04.40 | Stopped due to low demand and high frequency |
| | | | | 27.04.14 | 19.30 | 05.05.14 | 01.25 | Desynchronized on ETD due to fire hazard at boiler corder no. 4 |
| 14.05.14 | 18.45 | | | 17.05.14 | 17.50 | Stopped due to low demand and high frequency | | |
| 30.05.14 | 16.55 | | | 30.05.14 | 23.30 | Unit tripped due to grid disturbance | | |
| 04.06.14 | 00.20 | | | 05.06.14 | 00.45 | Boiler tube leakage | | |
| 07.06.14 | 11.00 | | | 07.06.14 | 12.05 | Turbine trip | | |
| 09.06.14 | 13.15 | | | 09.06.14 | 15.50 | Unit tripped due to 220kV supply fail | | |
| 21.06.14 | 18.00 | | | 21.06.14 | 22.50 | | | |
| 23.06.14 | 01.40 | | | 23.06.14 | 08.30 | | | |
| 25.06.14 | 05.05 | | | 25.06.14 | 07.50 | | | |
| 02.07.14 | 14.05 | | | 02.07.14 | 15.50 | | | |
| 05.07.14 | 10.10 | | | 06.07.14 | 00.25 | Tripped due to condenser vaccum low | | |
| 06.07.14 | 12.15 | | | 13.07.14 | 00.10 | Boiler tube leakage | | |
| 16.07.14 | 10.30 | | | 16.07.14 | 11.05 | Unit tripped due to UAT oil level low | | |
| 18.07.14 | 08.00 | | | 21.07.14 | 11.10 | Boiler tube leakage | | |
| 06.08.14 | 18.10 | | | 08.08.14 | 24.00 | Boiler tube leakage | | |
| 09.08.14 | 00.00 | | | 12.08.14 | 23.40 | Stopped due to low demand and high frequency | | |
| 22.08.14 | 18.00 | | | 30.08.14 | 00.50 | Boiler tube leakage | | |
| 10.09.14 | 04.45 | | | 10.09.14 | 05.45 | Unit tripped due to furnance pr high | | |
| 11.09.14 | 20.10 | | | 16.09.14 | 20.40 | Boiler tube leakage | | |
| 25.09.14 | 12.45 | | | 25.09.14 | 14.10 | Unit tripped due to DC control supply failure | | |
| 27.09.14 | 00.45 | | | 27.09.14 | 01.25 | Tripped due to turbine trip | | |
| 27.09.14 | 06.40 | | | 27.09.14 | 07.15 | Unit tripped due to condansor vaccume low | | |
| 28.09.14 | 01.00 | | | 28.09.14 | 04.35 | Unit tripped due to drum level high | | |
| 28.09.14 | 13.40 | | | 28.09.14 | 14.55 | Unit tripped due to 220kv supply failure | | |
| 01.10.14 | 00.15 | | | 29.12.14 | 23.59 | Stopped due to low demand and high frequency | | |
| 30.12.14 | 00.00 | | | 31.03.15 | 02.15 | Major overhauling | | |
| 31.03.15 | 03.10 | 31.03.15 | 23.59 | Unit stopped for major over hauling | | | | |

(B) Gas Turbine

| Unit No | Capacity in MW | Outage | | Synchronization | | Reason of Outage | |
|----------|----------------|----------|-------|-----------------|-------|---|--|
| | | Date | Time | Date | Time | | |
| 1 | 30 | 27.03.14 | 13.10 | 15.04.14 | 18.28 | Stopped due to low demand and high frequency | |
| | | 15.04.14 | 18.38 | 15.04.14 | 19.45 | Machine tripped due to grid disturbance | |
| | | 14.06.14 | 02.02 | 16.04.14 | 08.01 | Stopped due to low demand and high frequency | |
| | | 16.04.14 | 18.15 | 23.04.14 | 19.45 | | |
| | | 04.05.14 | 10.05 | 04.05.14 | 13.45 | Stopped due to LTTH High | |
| | | 25.05.14 | 03.31 | 26.05.14 | 18.02 | Stopped due to low demand and high frequency | |
| | | 27.05.14 | 12.16 | 28.05.14 | 20.11 | | |
| | | 30.05.14 | 16.55 | 30.05.14 | 17.30 | Machine came on FSNL due to grid disturbance. | |
| | | 02.06.14 | 03.27 | 02.06.14 | 05.55 | Due to tripping of 20 MVA Tr. Machine tripped | |
| | | 03.06.14 | 19.02 | 03.06.14 | 20.21 | Due to tripping of 6.6 KV Bus Coupler machine came on FSNL | |
| | | 09.06.14 | 13.12 | 09.06.14 | 13.42 | Machine came on FSNL as the 220 KV Bus became dead at IP Ext end. | |
| | | 13.06.14 | 23.10 | 14.06.14 | 01.45 | Tripped on loss of excitation | |
| | | 14.06.14 | 01.45 | 16.06.14 | 12.49 | Stopped due to low demand and high frequency | |
| | | 18.06.14 | 09.10 | 18.06.14 | 11.20 | Tripped on loss of excitation | |
| | | 21.06.14 | 17.56 | 21.06.14 | 18.48 | Due to Heavy Jerk (Due to 220 KV Pragati-Sarita Vihar line tripped) | |
| | | 25.06.14 | 05.00 | 25.06.14 | 06.10 | Machine tripped due to failure of Grid | |
| | | 25.06.14 | 14.55 | 25.06.14 | 15.10 | Due to Jerk both 160 MVA Tx. Tripped | |
| | | 30.06.14 | 05.02 | 30.06.14 | 06.05 | machine tripped due to failure of auxiliary Supply | |
| | | 30.06.14 | 13.32 | 30.06.14 | 17.06 | Stopped as per SLDC as generation not required in OC mode | |
| | | 02.07.14 | 14.02 | 02.07.14 | 14.58 | Machine tripped due to both 160MVA Trfs. tripped from 220 KVA side. | |
| | | 06.07.14 | 14.15 | 07.07.14 | 12.15 | Stopped due to low demand and high frequency | |
| | | 07.07.14 | 12.15 | 07.07.14 | 17.08 | Machine could not be taken on load due to leakage of oil. | |
| | | 09.07.14 | 17.20 | 10.07.14 | 17.10 | Machine tripped due to tripping of AOP. | |
| | | 10.07.14 | 17.35 | 10.07.14 | 18.34 | Machine tripped due to loss of excitation. | |
| | | 17.07.14 | 21.16 | 18.07.14 | 03.45 | Stopped due to low demand and high frequency | |
| | | 18.07.14 | 03.45 | 18.07.14 | 12.45 | Due to failure of auxillary supply | |
| | | 18.07.14 | 12.45 | 19.07.14 | 18.32 | Stopped due to low demand and high frequency | |
| | | 25.07.14 | 08.01 | 31.07.14 | 07.58 | | |
| | | 04.08.14 | 19:18 | 06.08.14 | 13:51 | | |
| | | 06-08-14 | 15:20 | 06-08-14 | 17:40 | | |
| | | 07-08-14 | 09:46 | 19-08-14 | 11:40 | | |
| | | 28-08-14 | 17:54 | 20-09-14 | 17.12 | | |
| 04-10-14 | 17:45 | 08-11-14 | 11.22 | | | | |
| 08.11.14 | 22.30 | 14.11.14 | 10.28 | | | | |
| 14.11.14 | 19.25 | 17.11.14 | 08.18 | | | | |
| 17.11.14 | 17.20 | 19.11.14 | 09.07 | | | | |
| 19.11.14 | 21.35 | 27.12.14 | 12.55 | | | | |
| 27.12.14 | 17.40 | 31.03.15 | 23.59 | | | | |
| 2 | 30 | 01.02.14 | 17.00 | 31.03.15 | 23.59 | | Machine stopped due to high viberation |

| Unit No | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|----------|----------------|----------|-------|-----------------|-------|--|
| | | Date | Time | Date | Time | |
| 3 | 30 | 27.03.14 | 16.38 | 15.04.14 | 17.50 | Stopped due to low demand and high frequency |
| | | 15.04.14 | 18.38 | 15.04.14 | 19.05 | Machine tripped due to grid disturbance |
| | | 18.04.14 | 17.47 | 18.04.14 | 18.55 | Tripped on electrical trouble normal shutdown |
| | | 06.05.14 | 11.00 | 06.05.14 | 15.05 | Stopped due to LTTH High |
| | | 06.05.14 | 15.15 | 06.05.14 | 17.30 | |
| | | 07.05.14 | 10.46 | 07.05.14 | 19.31 | |
| | | 12.05.14 | 17.21 | 12.05.14 | 18.05 | Tripped on loss of flame |
| | | 13.05.14 | 00.22 | 13.05.14 | 00.54 | Stopped due to low demand and high frequency |
| | | 13.05.14 | 20.25 | 22.05.14 | 12.10 | |
| | | 25.05.14 | 00.58 | 25.05.14 | 01.26 | |
| | | 30.05.14 | 16.55 | 30.05.14 | 17.25 | Due to trid disturbance machine came on FSNL |
| | | 04.06.14 | 14.47 | 04.06.14 | 16.10 | Machine tripped due to Middle section of Base radiator punctured due to falling of angle from APRDS Floor |
| | | 09.06.14 | 13.12 | 09.06.14 | 13.36 | Machine came on FSNL as the 220 KV Bus became dead at IP Ext end. |
| | | 20.06.14 | 21.02 | 30.06.14 | 12.50 | Failure of diesel Engine |
| | | 02.07.14 | 14.02 | 02.07.14 | 14.58 | Machine came on FSNL both 160MVA Trfs. tripped from 220 KVA side. |
| | | 17.07.14 | 21.14 | 18.07.14 | 03.45 | Stopped due to low demand and high frequency |
| | | 18.07.14 | 03.45 | 19.07.14 | 17.22 | Due to failure of auxillary supply |
| | | 31.07.14 | 00.12 | 31.07.14 | 15.24 | Machine tripped as both 160 MVA Tr-I & II tripped |
| | | 04-08-14 | 14:05 | 06-08-14 | 10:22 | Stopped due to low demand and high frequency |
| | | 06-08-14 | 15:22 | 16-08-14 | 14:45 | |
| | | 16-08-14 | 21:31 | 28-08-14 | 17:10 | |
| | | 11-10-14 | 16:44 | 14-10-14 | 12:10 | |
| | | 14-10-14 | 14:33 | 12.11-14 | 14.54 | |
| | | 13.11.14 | 12.55 | 21.11.14 | 12.44 | Machine tripped due to high TAD |
| | | 14.12.14 | 01.52 | 14.12.14 | 02.50 | |
| | | 15.12.14 | 18.50 | 11.01.15 | 16.25 | Stopped due to low demand and high frequency |
| | | 12.01.15 | 13.51 | 12.01.15 | 16.12 | Machine tripped due to C&I problem |
| | | 27.01.15 | 00.55 | 27.01.15 | 10.35 | Machine on FSNL due to exhaust temp high at 01.15hrs. machine tripped during fault rectification by C&I Deptt. |
| | | 07.02.15 | 05.17 | 07.02.15 | 12.30 | Machine tripped due to heavy jerk |
| | | 07.02.15 | 12.30 | 17.02.15 | 10.45 | Stopped due to low demand and high frequency |
| 02.03.15 | 00.05 | 02.03.15 | 10.00 | | | |
| 02.03.15 | 17.45 | 31.03.15 | 23.59 | | | |
| | | | | | | |
| 4 | 30 | 27.03.14 | 18.30 | 06.06.14 | 12.30 | Machine is under shutdown for HGPI |
| | | 09.06.14 | 13.12 | 09.06.14 | 13.34 | Machine came on FSNL as the 220 KV Bus became dea at IP Ext end. |
| | | 21.06.14 | 17.56 | 21.06.14 | 19.05 | Came on FSNL due to tripping of 160 MVA Tr-1 & II. |
| | | 25.06.14 | 05.01 | 25.06.14 | 06.45 | Came on FSNL due to tripping of 160 MVA Tr-1 & II. |
| | | 25.06.14 | 08.45 | 25.06.14 | 17.26 | Machine could not be taken on load due Diode Rotating diode fault fault |
| | | 30.06.14 | 05.30 | 30.06.14 | 06.10 | machine tripped due to failure of auxiliary Supply |
| | | 02.07.14 | 14.02 | 02.07.14 | 14.47 | Machine came on FSNL both 160MVA Trfs. tripped from 220 KVA side. |
| | | 17.07.14 | 23.46 | 18.07.14 | 03.45 | Machine tripped due to both 160MVA Trfs. tripped . |
| | | 18.07.14 | 03.45 | 18.07.14 | 12.42 | Due to failure of auxillary supply |

| Unit No | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|----------|----------------|----------|-------|-----------------|-------|--|
| | | Date | Time | Date | Time | |
| 4 | 30 | 29.07.14 | 09:45 | 31.07.14 | 03:14 | Stopped due to low demand and high frequency |
| | | 31.07.14 | 04:50 | 31.07.14 | 06:35 | Machine tripped as both 160 MVA Tr-I & II tripped |
| | | 04-08-14 | 19:09 | 06-08-14 | 10:28 | Stopped due to low demand and high frequency |
| | | 06-08-14 | 13:01 | 16-08-14 | 14:47 | |
| | | 16-08-14 | 21:32 | 27-08-14 | 11:08 | |
| | | 05-10-14 | 17:20 | 11-10-14 | 15:58 | |
| | | 14-10-14 | 18:50 | 30-11-14 | 18:40 | |
| | | 13.11.14 | 12:30 | 15.11.14 | 11:20 | |
| | | 15.11.14 | 11:50 | 21.11.14 | 16:50 | |
| | | 28.11.14 | 18:31 | 28.11.14 | 20:03 | |
| | | 15.12.14 | 15:28 | 11.01.15 | 14:52 | Stopped due to low demand and high frequency |
| | | 04.02.15 | 12:05 | 17.02.15 | 15:32 | |
| | | 02.03.15 | 00:05 | 02.03.15 | 10:20 | |
| | | 02.03.15 | 17:45 | 31.03.15 | 23:59 | |
| | | 5 | 30 | 12.04.14 | 09:50 | 12.04.14 |
| 15.04.14 | 18:38 | | | 15.04.14 | 18:48 | |
| 07.05.14 | 13:30 | | | 13.05.14 | 18:50 | Machine tripped due to LTTH High problem in Diesel engine. |
| 25.05.14 | 00:58 | | | 25.05.14 | 01:30 | Due to trid disturbance machine came on FSNL |
| 30.05.14 | 16:55 | | | 30.05.14 | 19:15 | |
| 06.06.14 | 02:35 | | | 06.06.14 | 11:30 | Stopped due to low demand and high frequency |
| 06.06.14 | 11:30 | | | 06.06.14 | 17:15 | Machine tripped on high Exhaust temperature. |
| 09.06.14 | 13:12 | | | 09.06.14 | 13:20 | Machine came on FSNL as the 220 KV Bus became dea at IP Ext end. |
| 20.06.14 | 10:50 | | | 20.06.14 | 10:56 | Machine came on FSNL due to tripping of 7.5 MVA Auxiliary Transformer due to jerk. |
| 21.06.14 | 17:56 | | | 21.06.14 | 18:31 | Machine came on FSNL as the 220 KV Bus became dea at IP Ext end. |
| 25.06.14 | 05:01 | | | 25.06.14 | 08:45 | Machine came on FSNL as the 220 KV Bus became dea at IP Ext end. |
| 25.06.14 | 08:45 | | | 25.06.14 | 11:02 | machine could not be taken on load due to starting device trip. |
| 25.06.14 | 14:45 | | | 25.06.14 | 18:09 | Machine tripped as the 220 KV Bus became dea at IP Ext end. |
| 26.06.14 | 02:46 | | | 26.06.14 | 15:13 | Stopped due to low demand and high frequency |
| 29.06.14 | 00:05 | | | 30.06.14 | 17:10 | |
| 01.07.14 | 01:45 | | | 02.07.14 | 17:08 | |
| 03.07.14 | 02:45 | | | 03.07.14 | 15:40 | |
| 17.07.14 | 23:46 | | | 18.07.14 | 03:45 | Machine tripped due to both 160MVA Trfs. tripped . |
| 18.07.14 | 03:45 | | | 18.07.14 | 12:52 | Due to failure of auxillary supply |
| 31.07.14 | 00:12 | | | 31.07.14 | 00:46 | Machine tripped as both 160 MVA Tr-I & II tripped |
| 31.07.14 | 04:50 | | | 01-08-14 | 14:44 | Machine tripped as both 160 MVA Tr-I & II tripped and not taken on load due to low demand and high frequency |
| 01-08-14 | 16:48 | | | 07-08-14 | 14:50 | Stopped due to low demand and high frequency |
| 31-08-14 | 13:45 | | | 09-09-14 | 19:18 | |
| 20-09-14 | 12:15 | | | 04.10.14 | 13:25 | |
| 12.11.14 | 18:18 | | | 28.11.14 | 20:03 | |
| 19.11.14 | 14:49 | | | 19.11.14 | 21:50 | |
| 21.11.14 | 16:20 | | | 15.12.14 | 10:32 | |
| 16.12.14 | 02:03 | | | 17.12.14 | 16:22 | |

| Unit No | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|----------|----------------|----------|-------|-----------------|-------|---|
| | | Date | Time | Date | Time | |
| 5 | 30 | 20.12.14 | 14.33 | 20.12.14 | 14.46 | Machine came on FSNL due to working of DTL personnel in llanding pannel in GTPS resulting both 160MVA Tx's tripped. |
| | | 27.12.14 | 13.05 | 27.12.14 | 17.35 | machine stopped as no schedule on OC mode |
| | | 30.12.14 | 18.40 | 30.12.14 | 19.38 | Tripped due to failure of Mark-IV supply and machine tripped on exhaust thermocouple open trip alarm. |
| | | 13.01.15 | 14.45 | 13.01.15 | 17.35 | Machine tripped due to malfunctioning of C&I message |
| | | 07.02.15 | 05.17 | 07.02.15 | 07.48 | Machine tripped due to heavy jerk |
| | | 17.02.15 | 15.00 | 03.03.15 | 13.40 | Stopped due to low demand and high frequency |
| | | 14.03.15 | 10.35 | 14.03.15 | 10.40 | Heavy jerk in system |
| | | 21.03.15 | 13.42 | 21.03.15 | 13.58 | |
| 6 | 30 | 12.04.14 | 09.50 | 12.04.14 | 09.55 | Machine tripped due to grid disturbance |
| | | 15.04.14 | 18.38 | 15.04.14 | 18.50 | |
| | | 30.05.14 | 16.55 | 30.05.14 | 17.23 | Due to trid disturbance machine came on FSNL |
| | | 02.06.14 | 03.27 | 02.06.14 | 04.10 | Due to tripping of 20 MVA Tr. Machine came on FSNL |
| | | 03.06.14 | 19.02 | 03.06.14 | 20.07 | Due to tripping of 6.6 Bus Coupler machine came on FSNL |
| | | 06.06.14 | 02.32 | 06.06.14 | 11.30 | Stopped due to low demand and high frequency |
| | | 06.06.14 | 11.30 | 06.06.14 | 18.00 | machine not taken on load due to problem in Diesel Engine |
| | | 06.06.14 | 18.00 | 11.06.14 | 11.45 | Stopped due to low demand and high frequency |
| | | 21.06.14 | 17.56 | 21.06.14 | 18.42 | Machine came on FSNL as the 220 KV Bus became dea at IP Ext end. |
| | | 25.06.14 | 05.01 | 25.06.14 | 05.28 | Machine came on FSNL as the 220 KV Bus became dea at IP Ext end. |
| | | 25.06.14 | 14.45 | 25.06.14 | 15.10 | Came on FSNL due to tripping of 160 MVA Tr-1 & II. |
| | | 26.06.14 | 02.47 | 26.06.14 | 18.02 | Stopped due to low demand and high frequency |
| | | 29.06.14 | 00.02 | 30.06.14 | 17.41 | |
| | | 01.07.14 | 01.50 | 02.07.14 | 17.01 | |
| | | 03.07.14 | 02.45 | 03.07.14 | 11.25 | |
| | | 03.07.14 | 15.52 | 04.07.14 | 17.10 | |
| | | 17.07.14 | 23.46 | 18.07.14 | 01.56 | Machine came on FSNL both 160MVA Trfs. Tripped. |
| | | 18.07.14 | 02.10 | 18.07.14 | 13.29 | Due to failure of auxillary supply |
| | | 20.07.14 | 08.16 | 22.07.14 | 11.14 | Stopped due to low demand and high frequency |
| | | 29.07.14 | 09.45 | 04-08-14 | 11:14 | |
| | | 05-08-14 | 03:07 | 05-08-14 | 09:43 | |
| | | 30-08-14 | 09:15 | 09-09-14 | 19:22 | |
| | | 20-09-14 | 12:17 | 05-10-14 | 16:09 | |
| | | 14-10-14 | 12:50 | 14-10-14 | 18:04 | |
| | | 12.11.14 | 19.38 | 13.11.14 | 13.59 | |
| | | 21.11.14 | 18.06 | 15.12.14 | 15.50 | |
| | | 20.12.14 | 14.33 | 20.12.14 | 14.46 | Machine came on FSNL due to working of DTL personnel in llanding pannel in GTPS resulting both 160MVA Tx's tripped. |
| | | 16.01.15 | 08.35 | 16.01.15 | 08.56 | Machine tripped on generator breakes tripped and combustion troublealarm appeared |
| | | 27.01.15 | 23.32 | 04.02.15 | 11.04 | Stopped due to low demand and high frequency |
| | | 07.02.15 | 05.17 | 07.02.15 | 07.20 | Machine tripped due to heavy jerk |
| | | 17.02.15 | 17.15 | 02.03.15 | 00.05 | Stopped due to low demand and high frequency |
| | | 14.03.15 | 10.35 | 14.03.15 | 11.00 | Heavy jerk in system |
| 21.03.15 | 13.42 | 21.03.15 | 14.09 | | | |

| Unit No | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|----------|----------------|----------|-------|--|-------|--|
| | | Date | Time | Date | Time | |
| STG-1 | 30 | 27.03.14 | 13.20 | 15.04.14 | 23.36 | Stopped due to low demand and high frequency |
| | | 15.04.14 | 23.39 | 16.04.14 | 00.38 | Gen. class A trip |
| | | 16.04.14 | 00.52 | 16.04.14 | 12.20 | |
| | | 16.04.14 | 16.20 | 16.04.14 | 22.00 | Turbine shaft vibration very high |
| | | 16.04.14 | 22.00 | 23.04.14 | 22.54 | Stopped due to low demand and high frequency |
| | | 24.04.14 | 02.30 | 24.04.14 | 04.02 | Turbine shaft vibration very high at bearing no 3 |
| | | 24.04.14 | 05.30 | 24.04.14 | 11.35 | |
| | | 26.04.14 | 14.40 | 26.04.14 | 15.22 | |
| | | 01.05.14 | 20.40 | 02.05.14 | 05.45 | Machine manually tripped due to heavy abnormal sound in CEP |
| | | 04.05.14 | 10.10 | 04.05.14 | 15.30 | G.T. stopped due to LTTH High, so STG stopped |
| | | 06.05.14 | 17.20 | 06.05.14 | 21.30 | Machine tripped due to Oil pressure problem |
| | | 12.05.14 | 22.18 | 12.05.14 | 23.10 | Tripped on Trip oil pressure very low |
| | | 14.05.14 | 12.05 | 14.05.14 | 14.58 | Tripped on Class A relay and 40G relay operated |
| | | 25.05.14 | 00.58 | 25.05.14 | 03.30 | Tripped due to grid disturbance |
| | | 25.05.14 | 03.30 | 25.05.14 | 21.30 | machine under shutdown due to tuning gear problem |
| | | 25.05.14 | 21.30 | 26.05.14 | 21.05 | Stopped due to low demand and high frequency |
| | | 27.05.14 | 08.46 | 27.05.14 | 17.30 | Machine tripped due to low vacuum |
| | | 27.05.14 | 17.30 | 28.05.14 | 23.52 | Stopped due to low demand and high frequency |
| | | 29.05.14 | 09.20 | 29.05.14 | 10.07 | Tripped on trip oil pressure very low |
| | | 29.05.14 | 12.38 | 29.05.14 | 14.04 | |
| | | 30.05.14 | 16.55 | 30.05.14 | 19.05 | Tripped due to grid disturbance |
| | | 02.06.14 | 03.27 | 02.06.14 | 07.03 | Due to tripping of 20 MVA Tr. Machine tripped |
| | | 03.06.14 | 19.02 | 03.06.14 | 22.07 | Due to tripping of 6.6 Bus Coupler machine tripped |
| | | 09.06.14 | 13.12 | 09.06.14 | 14.40 | Machine came on FSNL as the 220 KV Bus became dead at IP Ext end. |
| | | 13.06.14 | 23.10 | 14.06.14 | 02.15 | Machine tripped due to tripping of GT#1 on loss of Excitation. |
| | | 14.06.14 | 02.15 | 16.06.14 | 15.18 | Stopped due to low demand and high frequency |
| | | 18.06.14 | 09.10 | 18.06.14 | 12.50 | Machine tripped due to tripping of GT#1 on loss of Excitation. |
| | | 20.06.14 | 10.50 | 20.06.14 | 17.20 | machine tripped due to tripping of 7.5 MVA Auxiliary Tr due to jerk. |
| | | 21.06.14 | 17.56 | 21.06.14 | 20.28 | Due to Heavy Jerk,GT and STG tripped |
| | | 25.06.14 | 05.01 | 25.06.14 | 07.40 | Due to Jerk machine tripped |
| | | 25.06.14 | 14.45 | 25.06.14 | 16.13 | Due to Jerk both 160 MVA Tx. Tripped |
| | | 30.06.14 | 05.02 | 30.06.14 | 23.56 | Machine tripped due to tripping of Auxiliary Transformer. |
| | | 01.07.14 | 12.13 | 01.07.14 | 13.10 | Machine tripped due to jerk,bus coupler of 6.6KV bus bar tripped |
| | | 02.07.14 | 14.02 | 02.07.14 | 16.00 | Machine tripped due to both 160MVA Trs. tripped |
| | | 06.07.14 | 14.15 | 07.07.14 | 12.15 | Stopped due to low demand and high frequency |
| | | 07.07.14 | 12.15 | 07.07.14 | 19.30 | Machine could not be taken on load due to non availability of GT#1. |
| | | 09.07.14 | 17.20 | 10.07.14 | 20.08 | Machine tripped due to tripping of AOP of GT#1.. |
| | | 12.07.14 | 21.40 | 12.07.14 | 22.30 | Machine tripped due to failure of Auxiliary supply |
| | | 17.07.14 | 21.16 | 18.07.14 | 03.45 | Stopped due to low demand and high frequency |
| | | 18.07.14 | 03.45 | 18.07.14 | 12.45 | Due to failure of auxiliary supply |
| | | 18.07.14 | 12.45 | 19.07.14 | 20.35 | |
| | | 25.07.14 | 08.01 | 31.07.14 | 14.10 | Stopped due to low demand and high frequency |
| 04-08-14 | 19:11 | 06-08-14 | 19:33 | | | |
| 06-08-14 | 19:44 | 06-08-14 | 23:26 | Stopped due to oil leakage in servo motor. | | |

| Unit No | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|---------|----------------|----------|-------|-----------------|-------|---|
| | | Date | Time | Date | Time | |
| STG-1 | 30 | 06-08-14 | 23:32 | 12-08-14 | 12:00 | Stopped due to oil leakage in servo motor. |
| | | 12-08-14 | 12:00 | 16-08-14 | 20:15 | Stopped due to low demand and high frequency |
| | | 16-08-14 | 20:15 | 16-08-14 | 22:15 | Problem in DC EOP |
| | | 16-08-14 | 22:15 | 19-08-14 | 14:55 | Stopped due to low demand and high frequency |
| | | 28-08-14 | 17:54 | 20-09-14 | 12:15 | |
| | | 20-09-14 | 12:15 | 20-09-14 | 20:15 | Machine could not be taken due to water leakage in HRSG#1 |
| | | 24-09-14 | 04:17 | 24-09-14 | 05:18 | Tripped due to Trip oil pressure very low |
| | | 04-10-14 | 17:45 | 11-10-14 | 13:00 | Stopped due to low demand and high frequency |
| | | 11-10-14 | 13:00 | 08-11-14 | 19:10 | Machine stopped due to bearing inspection. |
| | | 08.11.14 | 19.35 | 14.11.14 | 15.35 | Stopped due to low demand and high frequency |
| | | 14.11.14 | 16.46 | 17.11.14 | 16.29 | |
| | | 17.11.14 | 17.05 | 19.11.14 | 13.52 | |
| | | 19.11.14 | 16.05 | 19.11.14 | 19.30 | Machine tripped due to exhaust steam temp. Very high |
| | | 19.11.14 | 21.35 | 31.03.15 | 23.59 | Stopped due to low demand and high frequency |
| | | | | | | |
| STG-2 | 30 | 27.03.14 | 16.45 | 16.04.14 | 01.50 | Stopped due to low demand and high frequency |
| | | 18.04.14 | 17.47 | 18.04.14 | 20.40 | Machine tripped due to tripping of G.T. |
| | | 06.05.14 | 11.05 | 06.05.14 | 23.59 | G.T. stopped due to LTTH high, so STG stopped |
| | | 07.05.14 | 10.46 | 07.05.14 | 23.10 | |
| | | 12.05.14 | 17.22 | 12.05.14 | 19.05 | Tripped due to tripping of G.T. (machine running on single G.T.) |
| | | 13.05.14 | 00.22 | 13.05.14 | 01.40 | |
| | | 13.05.14 | 20.25 | 22.05.14 | 15.50 | Stopped due to low demand and high frequency |
| | | 25.05.14 | 00.58 | 25.05.14 | 02.05 | Tripped due to grid disturbance |
| | | 30.05.14 | 00.01 | 30.05.14 | 23.56 | Machine not available due to non availability of DC EOP |
| | | 02.06.14 | 03.27 | 02.06.14 | 06.12 | Due to tripping of 20 MVA Tr. Machine tripped |
| | | 04.06.14 | 10.20 | 04.06.14 | 10.38 | Machine tripped due to malfunction of MS-14 valve |
| | | 04.06.14 | 14.47 | 04.06.14 | 16.48 | STG tripped due to tripping of GT#3 . |
| | | 09.06.14 | 13.12 | 09.06.14 | 14.25 | Machine tripped due to Grid disturbance |
| | | 17.06.14 | 18.43 | 17.06.14 | 19.28 | Machine tripped on low vacuum as drum pr could not be maintained due to tripping of BFP-2A. |
| | | 20.06.14 | 10.50 | 20.06.14 | 11.50 | Machine tripped due to tripping of Auxilairy Transformer. |
| | | 21.06.14 | 17.56 | 21.06.14 | 20.35 | Due to Heavy Jerk,GT and STG tripped |
| | | 22.06.14 | 02.00 | 22.06.14 | 03.09 | Machine tripped on Turbine RJB shaft vibration very high. |
| | | 25.06.14 | 05.01 | 25.06.14 | 08.45 | Machine tripped due to failure of Grid |
| | | 25.06.14 | 08.45 | 25.06.14 | 19.28 | machine could not be taken as both GT 3 & 4 were not available |
| | | 30.06.14 | 05.30 | 30.06.14 | 07.06 | Machine tripped due to tripping of Auxilairy Transformer. |
| | | 01.07.14 | 12.13 | 01.07.14 | 14.01 | Machine tripped due to jerk,bus coupler of 6.6KV bus bar tripped |
| | | 02.07.14 | 13.58 | 02.07.14 | 15.10 | Machine tripped due to heavy jerk occurred in control room. |
| | | 12.07.14 | 11.24 | 12.07.14 | 12.45 | Machine tripped on low vacuum as Auxiliary supply failed to CEP & BFP due to tripping of 6.6 KV Bus Coupler |
| | | 17.07.14 | 23.46 | 18.07.14 | 03.45 | Machine tripped due to both 160MVA Trfs. tripped . |
| | | 18.07.14 | 03.45 | 18.07.14 | 15.53 | Due to failure of auxillary supply |
| | | 23.07.14 | 09.19 | 23.07.14 | 11.38 | Machine tripped due to malfunctioning of relay. |
| | | 31.07.14 | 00.12 | 31.07.14 | 08.40 | Machine tripped as both 160 MVA Tr-I & II tripped |
| | | 04.08.14 | 19:11 | 06.08.14 | 15:00 | Stopped due to low demand and high frequency |
| | | 06.08.14 | 15:00 | 08.08.14 | 10:45 | Machine not taken due to problem in ESV |
| | | 08.08.14 | 10:45 | 16.08.14 | 19:15 | Stopped due to low demand and high frequency |

| Unit No | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|----------|----------------|----------|-------|---|-------|---|
| | | Date | Time | Date | Time | |
| STG-2 | 30 | 16.08.14 | 19:15 | 26.08.14 | 21:45 | Not available due to problem in ESV |
| | | 26.08.14 | 21:45 | 27.08.14 | 13:48 | Stopped due to low demand and high frequency |
| | | 27.08.14 | 13:53 | 27.08.14 | 14:48 | Tripped due to false alarm of housing vibration. |
| | | 14.10.14 | 18:50 | 12.11.14 | 17:58 | Stopped due to low demand and high frequency |
| | | 13.11.14 | 04.02 | 13.11.14 | 04.29 | Machine tripped due to exhaust steam pr. Very high (Low vacuum) |
| | | 13.11.14 | 12.20 | 13.11.14 | 13.29 | Machine tripped on low vacuum. CEP 2A tripped and other CEP-2B was under PTW. |
| | | 14.11.14 | 07.25 | 14.11.14 | 08.56 | Machine tripped on low vacuum. CEP 2A tripped and other CEP-2B was under PTW. |
| | | 14.11.14 | 11.36 | 14.11.14 | 12.55 | Machine tripped on hot well level very high. |
| | | 14.11.14 | 12.55 | 21.11.14 | 16.18 | Stopped due to low demand and high frequency |
| | | 28.11.14 | 18.31 | 28.11.14 | 20.03 | Machine tripped due to LLVT high |
| | | 15.12.14 | 18.50 | 11.01.15 | 17.30 | Stopped due to low demand and high frequency |
| | | 11.01.15 | 20.42 | 11.01.15 | 22.58 | Machine tripped due to C&I Problem |
| | | 15.01.15 | 15.22 | 15.01.15 | 15.50 | Machine tripped due to trip oil pressure very low alarm, axial shift pre trip alarm shown in BCD. |
| | | 22.01.15 | 09.55 | 22.01.15 | 10.37 | Machine tripped due to RJB shaft vibration. |
| | | 07.02.15 | 05.17 | 07.02.15 | 12.30 | Stopped due to low demand and high frequency |
| | | 07.02.15 | 12.30 | 07.02.15 | 14.50 | Machine tripped due to exhaust steam temp. Very high |
| | | 17.02.15 | 16.22 | 17.02.15 | 17.12 | Stopped due to low demand and high frequency |
| | | 02.03.15 | 00.05 | 02.03.15 | 12.27 | |
| 02.03.15 | 12.40 | 31.03.15 | 23.59 | | | |
| STG-3 | 30 | 12.04.14 | 09.50 | 12.04.14 | 11.34 | Machine tripped due to grid disturbance |
| | | 15.04.14 | 18.38 | 15.04.14 | 21.15 | |
| | | 10.05.14 | 17.45 | 10.05.14 | 19.08 | Machine tripped due to card malfunction |
| | | 25.05.14 | 00.58 | 25.05.14 | 02.15 | Machine tripped due to grid disturbance |
| | | 30.05.14 | 16.55 | 30.05.14 | 18.25 | |
| | | 02.06.14 | 03.27 | 02.06.14 | 05.07 | Due to tripping of 20 MVA Tr. Machine tripped |
| | | 03.06.14 | 09.12 | 11.06.14 | 10.59 | Machine stopped due to Fire at Bearing No.#1 |
| | | 21.06.14 | 17.56 | 21.06.14 | 21.30 | Due to Heavy Jerk,GT and STG tripped |
| | | 25.06.14 | 05.01 | 25.06.14 | 08.05 | Machine tripped due to failure of Grid |
| | | 25.06.14 | 14.05 | 25.06.14 | 22.27 | Machine tripped manually due to fire observed at bearing #1. |
| | | 26.06.14 | 01.51 | 26.06.14 | 21.43 | |
| | | 27.06.14 | 02.50 | 27.06.14 | 11.45 | |
| | | 27.06.14 | 12.56 | 28.06.14 | 12.00 | |
| | | 28.06.14 | 13.10 | 05.07.14 | 21.43 | Machine not available due to leakage of oil from bearing#1 |
| | | 09.07.14 | 22.15 | 09.07.14 | 23.10 | Machine tripped due to class-A relay tripped.Relays 86X |
| | | 12.07.14 | 11.24 | 12.07.14 | 12.03 | Machine tripped on low vacuum as Auxiliary supply failed to CEP & BFP due to tripping of 6.6 KV Bus Coupler |
| | | 17.07.14 | 23.46 | 18.07.14 | 03.45 | Machine tripped due to both 160MVA Trs. tripped . |
| | | 18.07.14 | 03.45 | 18.07.14 | 14.42 | Due to failure of auxiliary supply |
| | | 31.07.14 | 00.12 | 31.07.14 | 03.52 | Machine tripped as both 160 MVA Tr-I & II tripped |
| | | 31.07.14 | 04.50 | 31.07.14 | 23.59 | Machine tripped as both 160 MVA Tr-I & II tripped and not taken on load due to no demand from SLDC |
| 01-08-14 | 00:00 | 04-08-14 | 13:58 | Stopped due to low demand and high frequency | | |
| 04-08-14 | 15:38 | 04-08-14 | 16:20 | Machine tripped due to following relays operation-86GA1,86GB1 & Aux. relay-60AX | | |

| Unit No | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|---------|----------------|----------|-------|-----------------|-------|--|
| | | Date | Time | Date | Time | |
| STG-3 | 30 | 04-08-14 | 16:35 | 04-08-14 | 19:03 | Stopped due non availability of both BFPs. |
| | | 31-08-14 | 13:45 | 10-09-14 | 00:58 | Stopped due to low demand and high frequency |
| | | 20-09-14 | 12:17 | 26-09-14 | 15:30 | Machine stopped due to condenser cleaning |
| | | 26-09-14 | 15:30 | 04-10-14 | 17:32 | Stopped due to low demand and high frequency |
| | | 08-10-14 | 15:38 | 08-10-14 | 18:16 | Machine tripped suddenly when all parameters were normal. Its vacuum fell suddenly from 0.86 at 15:37 hrs to 0.74 at 15:38 hrs. on checking at site it was found that vacuum breake valve opened up. Two numbers fuses were found burnt in vacuum breaker MCC. |
| | | 20-10-14 | 15:40 | 20-10-14 | 16:21 | Machine tripped on vacuum tank level high false alarm due to malfunctioning of switch. |
| | | 03.11.14 | 12.20 | 03.11.14 | 13.25 | Machine tripped suddenly due to LLVT tank very high alarm in CCT monitor but alarm not appeared on BCD. |
| | | 05.11.14 | 10.05 | 05.11.14 | 12.20 | Machine tripped due to ESV closed alarm in CRT,found oil leakage at turbine floor on secondary oil line. |
| | | 12.11.14 | 19.38 | 13.11.14 | 16.12 | Stopped due to low demand and high frequency |
| | | 21.11.14 | 18.10 | 15.12.14 | 23.59 | |
| | | 15.12.14 | 15.59 | 15.12.14 | 18.10 | Machine tripped due to drum level high |
| | | 20.12.14 | 14.33 | 20.12.14 | 15.30 | Machine tripped due to working of DTL personnel in llanding pannel in GTPS resulting both 160MVA TxS tripped. |
| | | 07.02.15 | 05.17 | 07.02.15 | 11.58 | Machine tripped due to heavy jerk |
| | | 17.02.15 | 17.15 | 02.03.15 | 17.58 | Stopped due to low demand and high frequency |
| | | 09.03.15 | 00.40 | 09.03.15 | 01.40 | Tripped on jerk, |
| | | 14.03.15 | 10.35 | 14.03.15 | 11.30 | Heavy jerk in system |
| | | 21.03.15 | 13.42 | 21.03.15 | 16.25 | |

(C) PRAGATI

| Unit No | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|----------|----------------|----------|-------|-----------------------------|-------|--|
| | | Date | Time | Date | Time | |
| 1 | 104 | 24.04.14 | 17.21 | 24.04.14 | 21.14 | Tripped On internal fault |
| | | 24.04.14 | 21.35 | 24.04.14 | 23.26 | Tripped on internal fault |
| | | 28.04.14 | 00.00 | 28.04.14 | 10.00 | Stopped due to less demand and high frequency |
| | | 28.04.14 | 10.00 | 18.06.14 | 15.06 | Stopped for MI |
| | | 21.06.14 | 11.11 | 22.06.14 | 22.11 | To attend leakage after planned shutdown of MI |
| | | 25.06.14 | 05.01 | 25.06.14 | 06.00 | Tripped due to grid disturbance |
| | | 02.07.14 | 14.05 | 02.07.14 | 15.34 | Tripped due to grid disturbance |
| | | 11.07.14 | 14.15 | 11.07.14 | 14.45 | Tripped on internal fault |
| | | 21.07.14 | 20.13 | 21.07.14 | 21.50 | |
| | | 22.07.14 | 15.26 | 22.07.14 | 16.11 | |
| | | 23.07.14 | 00.00 | 23.07.14 | 04.24 | Stopped to attend internal fault |
| | | 14.11.14 | 20.05 | 12.12.14 | 16.59 | Stopped due to less demand and high frequency |
| | | 12.01.15 | 21.00 | 20.01.15 | 12.26 | |
| | | 02.02.15 | 12.10 | 04.02.15 | 12.02 | |
| | | 02.03.15 | 00.58 | 02.03.15 | 02.56 | Tripped due to grid disturbance |
| | | 02.03.15 | 20.39 | 02.03.15 | 21.30 | Tripped on internal fault |
| | | 02.03.15 | 21.30 | 03.03.15 | 07.05 | Stopped due to less demand and high frequency |
| 21.03.15 | 13.43 | 21.03.15 | 14.33 | Tripped on grid disturbance | | |
| 2 | 104 | 08.04.14 | 08.58 | 27.04.14 | 22.31 | Stopped for CI |
| | | 02.05.14 | 15.29 | 02.05.14 | 16.59 | Tripped on internal fault |
| | | 04.05.14 | 15.37 | 04.05.14 | 16.39 | |
| | | 25.05.14 | 00.58 | 25.05.14 | 02.50 | Tripped due to grid disturbance |
| | | 14.06.14 | 13.35 | 14.06.14 | 14.06 | Tripped on internal fault |

| Unit No | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|----------|----------------|----------|-------|-----------------|-------|---|
| | | Date | Time | Date | Time | |
| 2 | 104 | 06.07.14 | 17.14 | 06.07.14 | 18.04 | Tripped due to grid disturbance |
| | | 10.11.14 | 20.00 | 14.11.14 | 10.48 | Stopped due to shutdown desired by DTL |
| | | 02.12.14 | 00.20 | 02.12.14 | 01.09 | Tripped on internal fault |
| | | 02.12.14 | 08.53 | 02.12.14 | 11.10 | Tripped on internal fault |
| | | 12.12.14 | 08.18 | 12.12.14 | 09.40 | Tripped on internal fault |
| | | 12.12.14 | 18.54 | 23.12.14 | 05.47 | Stopped due to less demand and high frequency |
| | | 29.12.14 | 21.18 | 29.12.14 | 23.46 | Tripped on internal fault |
| | | 11.01.15 | 16.00 | 19.01.15 | 06.00 | Stopped due to less demand and high frequency |
| | | 20.01.15 | 14.05 | 27.01.15 | 06.03 | Unit stopped as desired by DTL to attend hot spot and further Stopped due to less demand and high frequency |
| | | 04.02.15 | 13.53 | 25.03.15 | 11.17 | Stopped due to less demand and high frequency |
| 29.03.15 | 12.30 | 31.03.15 | 23.59 | | | |
| STG | 122 | 11.04.14 | 11.04 | 11.04.14 | 11.57 | STG tripped on internal fault |
| | | 16.04.14 | 00.00 | 19.05.14 | 02.43 | STG stopped for bearing inspection and condenser chemical cleaning. |
| | | 25.05.14 | 00.58 | 25.05.14 | 03.53 | Tripped due to grid disturbance |
| | | 27.05.14 | 10.00 | 27.05.14 | 11.18 | Tripped on internal fault |
| | | 30.05.14 | 16.56 | 30.05.14 | 18.12 | Tripped due to grid disturbance |
| | | 09.06.14 | 13.12 | 09.06.14 | 13.57 | |
| | | 13.06.14 | 02.36 | 13.06.14 | 03.41 | Tripped due to grid disturbance |
| | | 16.06.14 | 11.41 | 16.06.14 | 12.23 | |
| | | 21.06.14 | 17.55 | 21.06.14 | 18.40 | |
| | | 25.06.14 | 05.01 | 25.06.14 | 06.58 | |
| | | 02.07.14 | 14.05 | 02.07.14 | 14.14 | Tripped due to grid disturbance |
| | | 06.07.14 | 17.14 | 06.07.14 | 18.29 | |
| | | 29.07.14 | 04.44 | 29.07.14 | 05.38 | STG tripped on internal fault |
| | | 23.11.14 | 17.06 | 23.11.14 | 18.00 | STG unloaded and tripped due to continuous fluctuation in the system |
| | | 02.12.14 | 00.20 | 12.12.14 | 01.56 | Tripped on internal fault |
| | | 02.12.14 | 08.53 | 12.12.14 | 11.53 | Tripped on internal fault |
| | | 12.12.14 | 08.18 | 12.12.14 | 10.27 | Tripped on internal fault |
| | | 14.12.14 | 10.48 | 14.12.14 | 11.38 | STG tripped due to grid disturbance |
| | | 19.12.14 | 11.14 | 19.12.14 | 12.50 | Tripped on internal fault |
| | | 11.01.15 | 09.53 | 18.01.15 | 24.00 | Tripped on internal fault |
| | | 19.01.15 | 00.00 | 19.01.15 | 16.37 | Stopped due to less demand and high frequency |
| | | 19.01.15 | 17.14 | 19.01.15 | 18.55 | Tripped on internal fault |
| | | 20.01.15 | 13.57 | 20.01.15 | 21.08 | |
| | | 25.01.15 | 05.12 | 25.01.15 | 08.44 | |
| | | 12.02.15 | 17.00 | 12.02.15 | 17.58 | Tripped due to grid disturbance |
| | | 02.03.15 | 00.58 | 02.03.15 | 04.13 | |
| | | 02.03.15 | 20.41 | 02.03.15 | 21.30 | Tripped on internal fault |
| | | 02.03.15 | 21.30 | 03.03.15 | 08.08 | Stopped due to less demand and high frequency |
| | | 10.03.15 | 11.39 | 10.03.15 | 12.28 | Tripped on internal fault |
| | | 21.03.15 | 13.40 | 21.03.15 | 16.55 | Tripped on grid disturbance |

(D) **BADARPUR THERMAL POWER STATION**

| Unit | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|----------|----------------|----------|-------|--|-------|--|
| | | Date | Time | Date | Time | |
| 1 | 95 | 14.05.14 | 17.37 | 19.05.14 | 09.36 | Stopped due to low demand and high frequency |
| | | 30.05.14 | 17.08 | 30.05.14 | 19.17 | Tripped due to grid disturbance |
| | | 20.06.14 | 12.15 | 21.05.14 | 06.25 | Water wall leakage |
| | | 17.07.14 | 23.22 | 18.07.14 | 05.33 | Battery / DC System problem |
| | | 18.07.14 | 05.45 | 18.07.14 | 07.00 | Bus dead, PA Fan rotating reverse direction |
| | | 18.07.14 | 16.19 | 28.07.14 | 08.09 | Stopped due to low demand and high frequency |
| | | 22.08.14 | 02.30 | 26.08.14 | 00.00 | Coal supply to bunkers |
| | | 26.08.14 | 00.00 | 02.10.14 | 06.31 | Coal shortage |
| | | 17.10.14 | 18.16 | 22.10.14 | 15.35 | Stopped due to low demand and high frequency |
| | | 22.10.14 | 15.35 | 29.10.14 | 15.15 | Stopped due to coal shortage |
| | | 29.10.14 | 15.15 | 31.03.15 | 23.59 | Stopped due to low demand and high frequency |
| 2 | 95 | 25.04.14 | 12.17 | 30.04.14 | 21.27 | Stopped due to low demand and high frequency |
| | | 03.05.14 | 17.41 | 03.05.14 | 18.58 | Tripped due to grid disturbance |
| | | 04.05.14 | 20.51 | 05.05.14 | 00.16 | AVR & Excitation system |
| | | 22.05.14 | 09.27 | 31.05.14 | 12.13 | CW Pum pit cleaning |
| | | 06.07.14 | 01.50 | 06.07.14 | 09.50 | LT Bus problem |
| | | 06.07.14 | 09.50 | 08.07.14 | 06.25 | ID Fan bearing problem |
| | | 24.07.14 | 02.48 | 24.07.14 | 04.34 | Furnance disturbance |
| | | 30.07.14 | 20.12 | 31.07.14 | 23.59 | Stopped due to low demand and high frequency |
| | | 01.08.14 | 22.00 | 26.08.14 | 00.00 | Planned shutdown |
| | | 26.08.14 | 00.00 | 27.09.14 | 13.30 | Coal shortage |
| | | 27.09.14 | 13.30 | 30.09.14 | 23.59 | Stopped due to low demand and high frequency |
| | | 05.10.14 | 11.13 | 31.10.14 | 15.30 | Stopped due to coal shortage |
| 31.10.14 | 15.30 | 31.03.15 | 23.59 | Stopped due to low demand and high frequency | | |
| 3 | 95 | 11.03.14 | 21.15 | 01.05.14 | 13.55 | Stopped due to low demand and high frequency |
| | | 03.05.14 | 17.41 | 03.05.14 | 19.43 | Tripped due to grid disturbance |
| | | 10.05.14 | 15.55 | 11.05.14 | 17.22 | Water wall leakage (Screentube LHS) |
| | | 30.05.14 | 17.08 | 30.05.14 | 20.05 | Tripped due to grid disturbance |
| | | 30.05.14 | 21.22 | 30.05.14 | 22.41 | AVR & Excitation system problem |
| | | 30.05.14 | 23.53 | 30.05.14 | 23.59 | |
| | | 14.06.14 | 15.18 | 14.06.14 | 19.44 | Generator Protection |
| | | 21.06.14 | 14.14 | 22.06.14 | 14.34 | Water wall leakage |
| | | 26.06.14 | 20.20 | 28.06.14 | 01.18 | Economizer tube leakage |
| | | 08.07.14 | 08.58 | 08.07.14 | 10.16 | Furnance disturbance |
| | | 11.07.14 | 10.37 | 11.07.14 | 11.57 | C&I induced (Axial shift) |
| | | 24.07.14 | 00.46 | 31.07.14 | 23.59 | Stopped due to low demand and high frequency |
| | | 20.08.14 | 00.00 | 26.08.14 | 00.00 | Coal supply to bunkars |
| | | 26.08.14 | 00.00 | 30.09.14 | 23.59 | Major planned shutdown |
| | | 10.10.14 | 17.08 | 10.10.14 | 19.08 | Stopped for Electrical testing |
| | | 10.10.14 | 19.08 | 12.10.14 | 15.40 | Coal shortage |
| | | 12.10.14 | 21.42 | 22.10.14 | 19.34 | Coal shortage |
| | | 25.10.14 | 22.04 | 01.11.14 | 15.48 | Stopped due to low demand and high frequency |
| | | 02.11.14 | 20.49 | 27.11.14 | 08.32 | |
| | | 12.12.14 | 21.56 | 13.12.14 | 13.14 | Control cable fault / fuse blown |
| | | 26.12.14 | 18.56 | 21.03.15 | 00.10 | Stopped due to low demand and high frequency |
| 31.03.15 | 09.55 | 31.03.15 | 23.59 | Economizer tube leakage | | |

| Unit | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|----------|----------------|----------|-------|--------------------|-------|---|
| | | Date | Time | Date | Time | |
| 4 | 210 | 05.03.14 | 02.11 | 21.04.14 | 15.16 | Planned shutdown |
| | | 30.04.14 | 14.18 | 01.05.14 | 21.00 | Economizer Tube leakage |
| | | 01.05.14 | 21.00 | 05.05.14 | 11.13 | Tripped due to grid disturbance |
| | | 25.05.14 | 20.26 | 28.05.14 | 07.55 | Reheater tube leakage |
| | | 30.05.14 | 17.08 | 30.05.14 | 22.08 | Tripped due to grid disturbance |
| | | 04.08.14 | 11.49 | 04.08.14 | 17.52 | Furnance disturbance |
| | | 22.08.14 | 09.42 | 22.08.14 | 13.02 | Differential relay malfunction |
| | | 29.08.14 | 00.28 | 01.09.14 | 10.35 | Coal shortage |
| | | 01.09.14 | 13.35 | 01.09.14 | 22.52 | UAT Differential protection |
| | | 09.09.14 | 13.33 | 14.09.14 | 16.32 | Coal shortage |
| | | 26.09.14 | 08.35 | 26.09.14 | 10.57 | Transformer winding temp high |
| | | 01.11.14 | 05.12 | 02.11.14 | 04.14 | C&I Induced (Axial shift) |
| | | 27.11.14 | 10.56 | 30.11.14 | 08.33 | Stopped due to low demand and high frequency |
| | | 11.12.14 | 13.44 | 11.12.14 | 15.58 | Furnance disturbance |
| | | 05.01.15 | 18.32 | 06.01.15 | 05.15 | UAT faulty |
| | | 20.01.15 | 13.00 | 20.01.15 | 18.26 | |
| | | 24.01.15 | 03.31 | 24.01.15 | 18.03 | Water wall leakage |
| | | 24.01.15 | 18.03 | 16.03.15 | 13.04 | Stopped due to less demand and high frequency |
| | | 19.03.15 | 23.10 | 20.03.15 | 01.31 | Human error |
| | | 20.03.15 | 01.53 | 20.03.15 | 03.29 | CVSM TTS mal function |
| 20.03.15 | 14.30 | 22.03.15 | 23.43 | Reheater leakage | | |
| 28.03.15 | 18.10 | 29.03.15 | 00.31 | Excitation problem | | |
| 5 | 210 | 23.04.14 | 00.02 | 25.04.14 | 05.05 | APH outlet Baffles found broken |
| | | 12.05.14 | 04.02 | 14.05.14 | 08.27 | APH Outlet deflectors broken |
| | | 07.06.14 | 22.47 | 08.06.14 | 23.22 | CW Pump trip |
| | | 13.06.14 | 11.01 | 13.06.14 | 15.51 | AVR & Excitation system problem |
| | | 17.06.14 | 23.06 | 19.06.14 | 04.00 | Economizer tube leakage |
| | | 19.06.14 | 04.00 | 20.06.14 | 16.45 | PA Fan lub oil system problem |
| | | 07.07.14 | 20.01 | 09.07.14 | 03.03 | Water wall leakage |
| | | 27.07.14 | 16.38 | 30.07.14 | 02.50 | Water wall leakage |
| | | 11.11.14 | 22.07 | 12.11.14 | 20.08 | Economizer tube leakage |
| | | 30.11.14 | 11.10 | 26.12.14 | 05.40 | Stopped due to low demand and high frequency |
| | | 17.03.15 | 00.08 | 21.03.15 | 23.59 | |
| | | 21.03.15 | 23.59 | 31.03.15 | 23.59 | Stopped for planned shutdown |

(E) BAWANA CCGT POWER STATION

| Unit | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|------|----------------|----------|-------|-----------------|-------|---|
| | | Date | Time | Date | Time | |
| 1 | 216 | 25.09.13 | 12.05 | 10.06.14 | 18.34 | Stopped due to low demand and high frequency |
| | | 13.06.14 | 09.20 | 16.06.14 | 16.48 | |
| | | 21.06.14 | 01.25 | 23.06.14 | 08.34 | |
| | | 28.06.14 | 06.42 | 11.07.14 | 11.29 | |
| | | 12.07.14 | 09.50 | 21.07.14 | 08.20 | |
| | | 09.08.14 | 00.19 | 09.08.14 | 02.21 | Failure of compressor bleed solenoid valve |
| | | 09.08.14 | 18.59 | 09.08.14 | 21.24 | |
| | | 10.08.14 | 10.30 | 11.08.14 | 05.57 | |
| | | 03.09.14 | 17.32 | 03.09.14 | 19.14 | Tripped with alarm on MARK #6 & simultaneously STG #1 |
| | | 11.11.14 | 06.01 | 11.11.14 | 07.23 | Unit tripped due to loss of flame & STG #1 simultaneously tripped |
| | | 18.12.14 | 12.35 | 19.12.14 | 13.32 | Unit tripped on high exhaust temp. |
| | | 28.12.14 | 01.34 | 28.12.14 | 05.22 | Unit tripped on high exhaust temp spread high |
| | | 19.01.15 | 14.26 | 31.03.15 | 23.59 | Compressor stalled detected. STG-I Simultaneously tripped. |

| Unit | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|----------|----------------|----------|-------|--|-------|--|
| | | Date | Time | Date | Time | |
| 2 | 216 | 11.10.13 | 10.40 | 29.04.14 | 16.10 | Stopped due to low demand and high frequency |
| | | 29.04.14 | 16.37 | 29.04.14 | 17.52 | Closure of gas valve |
| | | 08.05.14 | 18.55 | 22.05.14 | 15.59 | Stopped due to low demand and high frequency |
| | | 23.05.14 | 18.26 | 04.06.14 | 14.18 | |
| | | 12.06.14 | 16.56 | 18.06.14 | 18.34 | Turbine compartment vent fan pressure switch malfunctioned backing down after wards due to low demand |
| | | 23.06.14 | 05.11 | 27.06.14 | 18.58 | Purge valve 20 PG-2 misbehaviour, I-P Converter found misbehaving trip, thereafter shutdown due to low demand and high frequency |
| | | 11.07.14 | 17.05 | 12.07.14 | 06.50 | Stopped due to low demand and high frequency |
| | | 17.07.14 | 22.16 | 19.08.14 | 14.10 | |
| | | 23.08.14 | 12.45 | 23.08.14 | 14.48 | HGTMCC Supply failure |
| | | 31.08.14 | 14.55 | 31.08.14 | 23.59 | Stopped due to low demand and high frequency |
| | | 15.09.14 | 14.40 | 15.09.14 | 15.42 | Tripped due to surge capacitor failure. |
| | | 19.12.14 | 11.55 | 19.12.14 | 14.40 | Unit tripped on group protection relay and simultaneously STG #1 tripped |
| 28.12.14 | 05.49 | 31.12.14 | 23.59 | Unit tripped on air diff. Pr. High and simultaneously STG #1 tripped | | |
| 19.01.15 | 16.51 | 19.01.15 | 18.34 | Unit tripped on high exhaust temp. spread. | | |
| 3 | 216 | 28.10.13 | 00.00 | 31.01.15 | 23:59 | Commissioned on 28.10.13 and Stopped due to low demand and high frequency |
| | | 07.02.15 | 14.21 | 07.02.15 | 16.16 | Unit tripped due to heavy electrical jerk and STG -2 also tripped |
| | | 19.02.15 | 01.49 | 19.02.15 | 05.35 | Unit tripped on group / fire protection relay zone-I simultaneously STG also tripped |
| | | 02.03.15 | 02.28 | 02.03.15 | 05.35 | Unit tripped on turbine oil header temp high |
| | | 20.03.15 | 23.22 | 20.03.15 | 05.29 | Unit tripped on 125V DC ground consequently |
| | | 24.03.15 | 04.47 | 31.03.15 | 23.59 | Unit tripped due to unit -3 generator transformer fire |
| 4 | 216 | 27.02.14 | 00.00 | 28.02.14 | 23:59 | Commissioned on 27.02.14 and Stopped due to low demand and high frequency |
| STG-1 | 254 | 11.10.13 | 10.50 | 23.05.14 | 00.30 | Stopped due to low demand and high frequency |
| | | 23.05.14 | 18.28 | 04.06.14 | 14.18 | |
| | | 12.06.14 | 17.13 | 12.06.14 | 18.03 | LP drum level high |
| | | 13.06.14 | 09.20 | 16.06.14 | 21.21 | Stopped due to low demand and high frequency |
| | | 23.06.14 | 05.11 | 23.6.14 | 12.18 | |
| | | 12.07.14 | 15.00 | 15.07.14 | 23.59 | |
| | | 17.07.14 | 22.18 | 21.07.14 | 08.43 | |
| | | 06.08.14 | 12.49 | 06.08.14 | 14.25 | HRSR trip due to BFP Trip |
| | | 09.08.14 | 00.19 | 09.08.14 | 05.05 | G.T. Trip |
| | | 09.08.14 | 18.59 | 10.08.14 | 00.08 | |
| | | 10.08.14 | 10.30 | 11.08.14 | 09.03 | |
| | | 03.09.14 | 17.32 | 04.09.14 | 03.51 | STG tripped consequent to GT#1 |
| | | 11.11.14 | 06.01 | 11.11.14 | 08.54 | Machine tripped consequent to tripping of GT #1 |
| | | 19.12.14 | 11.55 | 19.12.14 | 17.15 | STG tripped consequent to GT #2 |
| 28.12.14 | 05.51 | 28.12.14 | 11.14 | STG tripped consequent to tripping of GT. -2 | | |
| 19.01.15 | 14.27 | 19.01.15 | 22.05 | Unit tripped alongwith tripping of G.T. Unit -I | | |

| Unit | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|----------|----------------|----------|-------|--|-------|---|
| | | Date | Time | Date | Time | |
| STG-2 | 254 | 27.03.14 | 00.00 | 31.12.14 | 23:59 | Commissioned on 27.03.14 and Stopped due to low demand and high frequency |
| | | 27.01.15 | 16.27 | 27.01.15 | 18.05 | Unit tripped on Generator electrical fault |
| | | 07.02.15 | 14.22 | 07.02.15 | 20.37 | STG tripped alongwith G.T. 3 |
| | | 19.02.15 | 01.49 | 19.02.15 | 12.25 | |
| | | 02.03.15 | 02.28 | 02.03.15 | 09.05 | STG tripped with G.T. |
| | | 09.03.15 | 14.55 | 09.03.15 | 15.51 | STG tripped HRSG #3 tripped on durm level level very low due to malfunctioning of level switch of deaerator |
| | | 10.03.15 | 16.56 | 10.03.15 | 18.18 | Unit tripped on generator electrical protection |
| | | 14.03.15 | 09.47 | 14.03.15 | 11.36 | Unit tripped on low vaccum protection |
| | | 20.03.15 | 23.22 | 21.03.15 | 07.45 | Unit tripped consequent to G.T. -3 |
| 24.03.15 | 04.47 | 31.03.15 | 23.59 | Unit tripped consequent to G.T. -3, stg #2 outage is due to low scheduling of bawana | | |

(F) RITHALA POWER STATION

| Unit | Capacity in MW | Outage | | Synchronization | | Reason of Outage |
|------|----------------|----------|-------|-----------------|-------|--|
| | | Date | Time | Date | Time | |
| 1 | 31.8 | 19.03.13 | 17:32 | 31.03.15 | 23:59 | Stopped due to low demand and high frequenc |
| 2 | 31.8 | 07.06.13 | 22:41 | 31.03.15 | 23:59 | Stopped due to low demand and high frequency |
| STG | 31.8 | 07.06.13 | 22:38 | 31.03.15 | 23:59 | Stopped due to low demand and high frequency |

9. POWER SUPPLY POSITION OF DELHI DURING 2014-15

9.1 Power supply position during the month of April 2014

All figures in MUs

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|-----------|---|---------------------------------|---------------------------------|---|---|
| 1 | SINGRAULI | 93.681 | 91.032 | 93.279 | 90.641 |
| 2 | RIHAND-I | 62.891 | 61.113 | 60.555 | 58.844 |
| 3 | RIHAND-II | 83.755 | 81.384 | 81.213 | 78.915 |
| 4 | RIHAND-III | 73.983 | 71.890 | 72.333 | 70.286 |
| 5 | UNCHAHAAR-I | 16.552 | 16.083 | 12.278 | 11.928 |
| 6 | UNCHAHAAR-II | 27.050 | 26.290 | 19.837 | 19.277 |
| 7 | UNCHAHAAR-III | 19.227 | 18.678 | 14.218 | 13.810 |
| 8 | DADRI(TH) | 506.764 | 492.362 | 416.117 | 404.282 |
| 9 | DADRI(TH)- Stage-II | 277.953 | 270.018 | 241.960 | 235.044 |
| 10 | FARAKA | 13.496 | 13.114 | 12.348 | 11.998 |
| 11 | KHELGAON | 31.553 | 30.657 | 27.350 | 26.572 |
| 12 | KHELGAON-II | 104.751 | 101.784 | 91.038 | 88.453 |
| 13 | ANTA(GT) | 20.688 | 20.102 | 14.653 | 14.237 |
| 14 | ANTA(Liquid) | 5.149 | 4.997 | 0.000 | 0.000 |
| 15 | ANTA(RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| 16 | AURAIYA(GT) | 14.591 | 14.182 | 5.771 | 5.607 |
| 17 | AURAIYA(Liquid) | 36.021 | 34.997 | 0.000 | 0.000 |
| 18 | AURAIYA(RLNG) | 0.047 | 0.046 | 0.000 | 0.000 |
| 19 | DADRI(GT) | 30.996 | 30.137 | 10.725 | 10.424 |
| 20 | DADRI(Liquid) | 31.882 | 30.961 | 0.111 | 0.107 |
| 21 | DADRI (RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| A. | TOTAL NTPC (TOTAL 1-21) | 1451.032 | 1409.826 | 1173.786 | 1140.425 |
| 22 | TANAKPUR | 0.746 | 0.724 | 0.746 | 0.724 |
| 23 | CHAMERA-I | 18.213 | 17.697 | 18.213 | 17.697 |
| 24 | CHAMERA-II | 14.931 | 14.505 | 14.931 | 14.505 |
| 25 | CHAMERA-III | 8.307 | 8.069 | 8.307 | 8.069 |
| 26 | B/SUIL | 9.866 | 9.586 | 9.866 | 9.586 |
| 27 | SALAL | 36.222 | 35.191 | 36.222 | 35.191 |
| 28 | DAULI GANGA | 0.000 | 0.000 | 0.000 | 0.000 |
| 29 | DULASTI | 17.161 | 16.669 | 17.161 | 16.669 |
| 30 | URI-I | 37.569 | 36.505 | 37.569 | 36.505 |
| 31 | URI-II | 18.177 | 17.660 | 18.177 | 17.660 |
| 32 | SEWA -II | 11.630 | 11.301 | 11.630 | 11.301 |
| 33 | PARBATI3 | 3.808 | 3.699 | 3.808 | 3.699 |
| B | TOTAL NHPC(TOTAL 22 TO 33) | 176.629 | 171.606 | 176.629 | 171.606 |
| 34 | NAPP | 20.738 | 20.152 | 20.738 | 20.152 |
| 35 | RAPP 'C' | 38.769 | 37.671 | 38.769 | 37.671 |
| C | TOTAL NPC (34 TO 35) | 59.507 | 57.823 | 59.507 | 57.823 |
| D | NATHPA JHAKHRI(SJVNL) | 29.161 | 28.329 | 21.254 | 20.648 |
| 36 | TEHRI | 24.004 | 23.324 | 24.004 | 23.324 |
| 37 | KOTESHWAR | 10.318 | 10.025 | 10.318 | 10.025 |
| E | TOTAL THDC (TOTAL 36 TO 37) | 34.322 | 33.349 | 34.322 | 33.349 |
| F | JHAJJAR | 180.936 | 175.809 | 24.134 | 23.438 |
| G | TALA | 1.303 | 1.266 | 1.303 | 1.266 |
| H | SASAN | 104.142 | 101.180 | 103.911 | 100.954 |
| I | TOTAL CENTRAL SECTOR (A+B+C+D+E+F+G+H) | 2037.034 | 1979.188 | 1594.848 | 1549.509 |

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|----------|--|---------------------------------|---------------------------------|---|---|
| | BILATERAL IMPORT | | | | |
| (viii) | MADHYA PRADESH | 0.226 | 0.223 | 0.223 | 0.217 |
| (ix) | CLP JHAJJAR | 21.634 | 21.369 | 21.369 | 20.751 |
| (x) | HARYANA | 0.384 | 0.379 | 0.379 | 0.368 |
| (xii) | UNREQUISITIONED SURPLUS | 0.732 | 0.711 | 0.732 | 0.711 |
| (xiv) | DVC | 155.872 | 154.305 | 154.305 | 149.903 |
| (xviii) | DVC METHON (NDPL) | 194.879 | 192.907 | 192.907 | 187.450 |
| (xx) | DVC HARYANA (LT-O9) | 5.408 | 5.354 | 5.354 | 5.197 |
| (xxiv) | ORISSA | 0.179 | 0.176 | 0.176 | 0.171 |
| (xxvi) | HIMACHAL PRADESH | 0.257 | 0.254 | 0.254 | 0.246 |
| (xxvii) | JAMMU & KASHMIR | 44.221 | 43.670 | 43.670 | 42.386 |
| (xxviii) | POWER EXCHANGE(IEX) | 18.330 | 17.804 | 18.330 | 17.804 |
| xxix) | POWER EXCHANGE (PX) | 0.000 | 0.000 | 0.000 | 0.000 |
| J | TOTAL BILATERAL IMPORT | 442.120 | 437.154 | 437.701 | 425.204 |
| K | TOTAL ENERGY IMPORTED | 2479.154 | 2416.342 | 2032.549 | 1974.714 |
| | BILATERAL EXPORT | | | | |
| (vi) | UTTAR PRADESH | -50.664 | -51.584 | -51.584 | -53.089 |
| (xiii) | ANDHRA PRADESH | -11.350 | -11.520 | -11.520 | -11.856 |
| (xxi) | MAHARASHTRA | -26.227 | -26.785 | -26.785 | -27.567 |
| (xxiii) | WEST BENGAL | -61.276 | -61.900 | -61.900 | -63.706 |
| (xxvii) | POWER EXCHANGE (IEX) | -115.625 | -118.989 | -115.625 | -118.989 |
| (xxviii) | POWER EXCHANGE (PX) | -12.208 | -12.550 | -12.208 | -12.550 |
| xxix) | SHARE PROJECT (HARYANA) | -0.344 | -0.355 | -0.344 | -0.355 |
| (xxx) | POWER EXCHANGE (PUNJAB) | -0.344 | -0.355 | -0.344 | -0.355 |
| L | TOTAL EXPORT | -278.039 | -284.039 | -280.312 | -288.466 |
| M | NET IMPORT FROM THE GRID | 2201.115 | 2132.303 | 1752.237 | 1686.248 |
| N | OVER DRAWL(+)/UNDER DRAWAL(-) FROM THE GRID | | | | -32.209 |
| | AVAILABILITY FROM THE STATIONS WITHIN DELHI | | | | |
| (I) | RPH | | | | 37.408 |
| (ii) | GT | | | | 76.809 |
| (iii) | PRAGATI | | | | 111.183 |
| (iv) | RITHALA | | | | 0.000 |
| (v) | BAWANA (CCGT) | | | | 4.499 |
| (vi) | TOWMCL | | | | 13.206 |
| (vii) | BTPS | | | | 238.120 |
| O | TOTAL AVAILABILITY WITHIN DELHI | | | | 481.225 |
| | AVAILABILITY FROM RENEWABLE SOURCES | | | | |
| (I) | RENEWABLE SOLAR (NDPL) | | | | 0.211000 |
| (ii) | RENEWABLE SOLAR (BRPL) | | | | 0.000000 |
| (iii) | RENEWABLE SOLAR (BYPL) | | | | 0.021000 |
| (iv) | RENEWABLE SOLAR (NDMC) | | | | 0.131 |
| P | TOTAL RENEWABLE ENERGY | | | | 0.363 |
| Q | TOTAL AVAILABILITY WITHIN DELHI (O + P) | | | | 481.588 |
| R | TOTAL CONSUMPTION (M + N + Q) | | | | 2135.627 |
| S | LOAD SHEDDING | | | | 8.962 |
| T | % DEPENDENCE ON GRID | | | | 78.96 |
| U | AUXILIARY CONSUMPTION OF STATIONS WITHIN DELHI | | | | 13.681 |
| V | NET CONSUMPTION OF DTL | | | | 2121.946 |
| W | TOTAL REQUIREMENT | | | | 2130.908 |

9.2 Power supply position during the month of May 2014

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|-----------|---|---------------------------------|---------------------------------|---|---|
| 1 | SINGRAULI | 92.860 | 90.057 | 90.494 | 87.765 |
| 2 | RIHAND-I | 62.299 | 60.423 | 57.836 | 56.096 |
| 3 | RIHAND-II | 81.316 | 78.874 | 76.259 | 73.971 |
| 4 | RIHAND-III | 76.429 | 74.113 | 72.335 | 70.147 |
| 5 | UNCHAHAR-I | 17.196 | 16.678 | 8.649 | 8.388 |
| 6 | UNCHAHAR-II | 25.947 | 25.163 | 12.280 | 11.908 |
| 7 | UNCHAHAR-III | 20.777 | 20.151 | 10.864 | 10.536 |
| 8 | DADRI(TH) | 538.698 | 522.468 | 419.376 | 406.710 |
| 9 | DADRI(TH)- Stage-II | 544.457 | 528.051 | 426.890 | 414.003 |
| 10 | FARAKA | 13.311 | 12.910 | 12.103 | 11.738 |
| 11 | KHELGAON | 27.420 | 26.593 | 21.710 | 21.053 |
| 12 | KHELGAON-II | 108.376 | 105.112 | 90.852 | 88.110 |
| 13 | ANTA(GT) | 7.281 | 7.057 | 4.593 | 4.451 |
| 14 | ANTA(Liquid) | 22.491 | 21.816 | 0.000 | 0.000 |
| 15 | ANTA(RLNG) | 0.590 | 0.574 | 0.000 | 0.000 |
| 16 | AURAIYA(GT) | 14.182 | 13.756 | 4.268 | 4.139 |
| 17 | AURAIYA(Liquid) | 28.061 | 27.219 | 0.000 | 0.000 |
| 18 | AURAIYA(RLNG) | 0.005 | 0.005 | 0.000 | 0.000 |
| 19 | DADRI(GT) | 25.416 | 24.652 | 8.122 | 7.875 |
| 20 | DADRI(Liquid) | 39.925 | 38.720 | 0.254 | 0.246 |
| 21 | DADRI (RLNG) | 0.009 | 0.009 | 0.000 | 0.000 |
| A. | TOTAL NTPC (TOTAL 1-21) | 1747.047 | 1694.400 | 1316.885 | 1277.136 |
| 22 | TANAKPUR | 3.113 | 3.019 | 3.109 | 3.015 |
| 23 | CHAMERA-I | 28.659 | 27.797 | 28.659 | 27.797 |
| 24 | CHAMERA-II | 27.826 | 26.985 | 27.826 | 26.985 |
| 25 | CHAMERA-III | 17.355 | 16.829 | 17.355 | 16.829 |
| 26 | B/SUIL | 13.506 | 13.100 | 13.506 | 13.100 |
| 27 | SALAL | 54.300 | 52.661 | 54.255 | 52.619 |
| 28 | DAULI GANGA | 10.349 | 10.037 | 10.349 | 10.037 |
| 29 | DULASTI | 36.993 | 35.878 | 36.993 | 35.878 |
| 30 | URI-I | 39.015 | 37.840 | 39.015 | 37.840 |
| 31 | URI-II | 23.860 | 23.141 | 23.860 | 23.141 |
| 32 | SEWA -II | 12.083 | 11.719 | 12.083 | 11.719 |
| 33 | PARBATI3 | 8.079 | 7.835 | 8.046 | 7.803 |
| B | TOTAL NHPC(TOTAL 22 TO 33) | 275.138 | 266.842 | 275.056 | 266.764 |
| 34 | NAPP | 11.814 | 11.458 | 11.791 | 11.436 |
| 35 | RAPP 'C' | 27.551 | 26.722 | 27.551 | 26.722 |
| C | TOTAL NPC (34 TO 35) | 39.365 | 38.180 | 39.342 | 38.158 |
| D | NATHPA JHAKHRI(SJVNL) | 71.067 | 68.915 | 51.501 | 49.941 |
| 36 | TEHRI | 22.035 | 21.378 | 22.035 | 21.378 |
| 37 | KOTESHWAR | 10.933 | 10.606 | 10.936 | 10.609 |
| E | TOTAL THDC (TOTAL 36 TO 37) | 32.968 | 31.984 | 32.971 | 31.987 |
| F | JHAJJAR | 124.942 | 121.112 | 17.558 | 17.026 |
| G | TALA | 6.021 | 5.836 | 5.851 | 5.671 |
| H | SASAN | 99.967 | 96.938 | 99.932 | 96.904 |
| I | TOTAL CENTRAL SECTOR (A+B+C+D+E+F+G+H) | 2396.514 | 2324.206 | 1839.097 | 1783.587 |

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|----------|--|---------------------------------|---------------------------------|---|---|
| | BILATERAL IMPORT | | | | |
| (vi) | MEGHALAYA | 27.613 | 27.163 | 27.163 | 26.336 |
| (viii) | MADHYA PRADESH | 5.181 | 5.080 | 5.080 | 4.919 |
| (ix) | CLP JHAJJAR | 8.650 | 8.535 | 8.535 | 8.270 |
| (xiv) | DVC | 184.690 | 182.799 | 182.799 | 177.285 |
| (xviii) | DVC METHON (NDPL) | 186.762 | 184.848 | 184.848 | 179.289 |
| (xx) | DVC HARYANA (LT-09) | 9.765 | 9.664 | 9.664 | 9.374 |
| (xxiii) | JHARKHAND | 7.604 | 7.549 | 7.549 | 7.322 |
| (xxiv) | ORISSA | 0.051 | 0.051 | 0.051 | 0.049 |
| (xxvi) | HIMACHAL PRADESH | 73.195 | 72.239 | 72.239 | 70.034 |
| (xxvii) | JAMMU & KASHMIR | 228.925 | 225.972 | 225.972 | 219.149 |
| (xxviii) | POWER EXCHANGE(IEX) | 14.877 | 14.426 | 14.877 | 14.426 |
| xxix) | POWER EXCHANGE (PX) | 0.000 | 0.000 | 0.000 | 0.000 |
| J | TOTAL BILATERAL IMPORT | 747.313 | 738.325 | 738.776 | 716.453 |
| K | TOTAL ENERGY IMPORTED | 3143.827 | 3062.532 | 2577.873 | 2500.039 |
| | BILATERAL EXPORT | | | | |
| (vi) | UTTAR PRADESH | -29.171 | -29.729 | -29.729 | -30.596 |
| (xiii) | ANDHRA PRADESH | -11.824 | -12.040 | -12.040 | -12.402 |
| (xxvii) | POWER EXCHANGE (IEX) | -203.007 | -208.932 | -203.007 | -208.932 |
| (xxviii) | POWER EXCHANGE (PX) | -12.471 | -12.843 | -12.471 | -12.843 |
| xxix) | SHARE PROJECT (HARYANA) | -5.731 | -5.887 | -5.731 | -5.887 |
| (xxx) | POWER EXCHANGE (PUNJAB) | -5.731 | -5.887 | -5.731 | -5.887 |
| L | TOTAL EXPORT | -267.935 | -275.319 | -268.710 | -276.546 |
| M | NET IMPORT FROM THE GRID | 2875.891 | 2787.213 | 2309.163 | 2223.493 |
| N | OVER DRAWL(+)/UNDER DRAWAL(-) FROM THE GRID | | | | -68.316 |
| | AVAILABILITY FROM THE STATIONS WITHIN DELHI | | | | |
| (I) | RPH | | | | 64.382 |
| (ii) | GT | | | | 91.679 |
| (iii) | PRAGATI | | | | 86.003 |
| (iv) | RITHALA | | | | 0.000 |
| (v) | BAWANA (CCGT) | | | | 48.207 |
| (vi) | TOWMCL | | | | 12.922 |
| (vii) | BTPS | | | | 330.092 |
| O | TOTAL AVAILABILITY WITHIN DELHI | | | | 633.285 |
| | AVAILABILITY FROM RENEWABLE SOURCES | | | | |
| (I) | RENEWABLE SOLAR (NDPL) | | | | 0.195000 |
| (ii) | RENEWABLE SOLAR (BRPL) | | | | 0.122000 |
| (iii) | RENEWABLE SOLAR (BYPL) | | | | 0.017000 |
| (iv) | RENEWABLE SOLAR (NDMC) | | | | 0.130 |
| P | TOTAL RENEWABLE ENERGY | | | | 0.464 |
| Q | TOTAL AVAILABILITY WITHIN DELHI (O + P) | | | | 633.749 |
| R | TOTAL CONSUMPTION (M + N + Q) | | | | 2788.926 |
| S | LOAD SHEDDING | | | | 22.555 |
| T | % DEPENDENCE ON GRID | | | | 79.73 |
| U | AUXILIARY CONSUMPTION OF STATIONS WITHIN DELHI | | | | 19.953 |
| V | NET CONSUMPTION OF DTL | | | | 2768.973 |
| W | TOTAL REQUIREMENT | | | | 2791.528 |

9.3 Power supply position during the month of June 2014

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|-----------|---|---------------------------------|---------------------------------|---|---|
| 1 | SINGRAULI | 89.356 | 86.622 | 88.713 | 86.000 |
| 2 | RIHAND-I | 61.561 | 59.691 | 58.562 | 56.786 |
| 3 | RIHAND-II | 59.487 | 57.685 | 57.101 | 55.374 |
| 4 | RIHAND-III | 82.932 | 80.410 | 80.663 | 78.213 |
| 5 | UNCHAHAR-I | 16.434 | 15.934 | 7.752 | 7.520 |
| 6 | UNCHAHAR-II | 32.317 | 31.335 | 15.277 | 14.819 |
| 7 | UNCHAHAR-III | 19.979 | 19.372 | 9.549 | 9.262 |
| 8 | DADRI(TH) | 526.615 | 510.605 | 415.033 | 402.418 |
| 9 | DADRI(TH)- Stage-II | 520.470 | 504.649 | 427.125 | 414.186 |
| 10 | FARAKA | 11.589 | 11.237 | 10.646 | 10.324 |
| 11 | KHELGAON | 28.741 | 27.866 | 21.110 | 20.474 |
| 12 | KHELGAON-II | 92.309 | 89.487 | 79.180 | 76.773 |
| 13 | ANTA(GT) | 19.897 | 19.289 | 13.963 | 13.541 |
| 14 | ANTA(Liquid) | 7.465 | 7.234 | 0.000 | 0.000 |
| 15 | ANTA(RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| 16 | AURAIYA(GT) | 15.123 | 14.668 | 8.187 | 7.943 |
| 17 | AURAIYA(Liquid) | 23.207 | 22.497 | 0.000 | 0.000 |
| 18 | AURAIYA(RLNG) | 0.100 | 0.097 | 0.000 | 0.000 |
| 19 | DADRI(GT) | 21.901 | 21.248 | 11.048 | 10.720 |
| 20 | DADRI(Liquid) | 40.745 | 39.494 | 0.000 | 0.000 |
| 21 | DADRI (RLNG) | 0.034 | 0.033 | 0.000 | 0.000 |
| A. | TOTAL NTPC (TOTAL 1-21) | 1670.262 | 1619.453 | 1303.911 | 1264.351 |
| 22 | TANAKPUR | 6.121 | 5.935 | 6.121 | 5.935 |
| 23 | CHAMERA-I | 30.087 | 29.173 | 30.087 | 29.173 |
| 24 | CHAMERA-II | 28.667 | 27.797 | 28.667 | 27.797 |
| 25 | CHAMERA-III | 20.863 | 20.229 | 20.863 | 20.229 |
| 26 | B/SUIL | 12.289 | 11.915 | 12.289 | 11.915 |
| 27 | SALAL | 52.392 | 50.793 | 52.392 | 50.793 |
| 28 | DAULI GANGA | 11.776 | 11.422 | 11.776 | 11.422 |
| 29 | DULASTI | 31.676 | 30.708 | 31.676 | 30.708 |
| 30 | URI-I | 37.660 | 36.515 | 37.660 | 36.515 |
| 31 | URI-II | 22.842 | 22.147 | 22.842 | 22.147 |
| 32 | SEWA -II | 9.597 | 9.305 | 9.597 | 9.305 |
| 33 | PARBATI3 | 15.395 | 14.931 | 15.395 | 14.931 |
| B | TOTAL NHPC(TOTAL 22 TO 33) | 279.364 | 270.868 | 279.364 | 270.868 |
| 34 | NAPP | 19.480 | 18.890 | 19.480 | 18.890 |
| 35 | RAPP 'C' | 21.598 | 20.940 | 21.553 | 20.896 |
| C | TOTAL NPC (34 TO 35) | 41.078 | 39.830 | 41.033 | 39.786 |
| D | NATHPA JHAKHRI(SJVNL) | 101.840 | 98.730 | 74.100 | 71.837 |
| 36 | TEHRI | 19.739 | 19.144 | 19.739 | 19.144 |
| 37 | KOTESHWAR | 10.206 | 9.898 | 10.206 | 9.898 |
| E | TOTAL THDC (TOTAL 36 TO 37) | 29.945 | 29.042 | 29.945 | 29.042 |
| F | JHAJJAR | 106.071 | 102.865 | 10.853 | 10.534 |
| G | TALA | 13.279 | 12.876 | 13.205 | 12.804 |
| H | SASAN | 136.502 | 132.380 | 135.878 | 131.776 |
| I | TOTAL CENTRAL SECTOR (A+B+C+D+E+F+G+H) | 2378.342 | 2306.043 | 1888.289 | 1830.998 |

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|----------|--|---------------------------------|---------------------------------|---|---|
| | BILATERAL IMPORT | | | | |
| (I) | RASJASTHAN | 0.110 | 0.109 | 0.109 | 0.107 |
| (v) | TRIPURA | 3.293 | 3.238 | 3.238 | 3.139 |
| (vi) | MEGHALAYA | 10.458 | 10.313 | 10.313 | 9.994 |
| (vii) | WEST BENGAL | 0.123 | 0.122 | 0.122 | 0.118 |
| (viii) | MADHYA PRADESH | 26.473 | 25.914 | 25.914 | 25.125 |
| (ix) | CLP JHAJJAR | 8.054 | 7.953 | 7.953 | 7.716 |
| (x) | HARYANA | 0.082 | 0.081 | 0.081 | 0.079 |
| (xii) | UNREQUISITIONED SURPLUS | 0.624 | 0.607 | 0.624 | 0.607 |
| (xiv) | DVC | 176.763 | 174.909 | 174.909 | 169.583 |
| (xviii) | DVC METHON (NDPL) | 187.909 | 185.941 | 185.941 | 180.313 |
| (xxiii) | JHARKHAND | 14.566 | 14.456 | 14.456 | 14.016 |
| (xxvi) | HIMACHAL PRADESH | 110.622 | 109.167 | 109.167 | 105.805 |
| (xxvii) | JAMMU & KASHMIR | 248.192 | 244.977 | 244.977 | 237.515 |
| (xxviii) | POWER EXCHANGE (IEX) | 31.504 | 30.597 | 31.504 | 30.597 |
| xxix) | POWER EXCHANGE (PX) | 0.000 | 0.000 | 0.000 | 0.000 |
| J | TOTAL BILATERAL IMPORT | 818.772 | 808.385 | 809.309 | 784.713 |
| K | TOTAL ENERGY IMPORTED | 3197.114 | 3114.428 | 2697.598 | 2615.711 |
| | BILATERAL EXPORT | | | | |
| (iv) | ORISSA | -0.087 | -0.088 | -0.088 | -0.091 |
| (vi) | UTTAR PRADESH | -8.674 | -8.841 | -8.841 | -9.118 |
| (xv) | KERALA | -0.626 | -0.638 | -0.638 | -0.659 |
| (xxvii) | POWER EXCHANGE (IEX) | -152.321 | -157.145 | -152.321 | -157.145 |
| (xxviii) | POWER EXCHANGE (PX) | -5.286 | -5.449 | -5.286 | -5.449 |
| xxix) | SHARE PROJECT (HARYANA) | -16.084 | -16.582 | -16.084 | -16.582 |
| (xxx) | POWER EXCHANGE (PUNJAB) | -16.085 | -16.583 | -16.085 | -16.583 |
| L | TOTAL EXPORT | -199.163 | -205.325 | -199.343 | -205.626 |
| M | NET IMPORT FROM THE GRID | 2997.950 | 2909.103 | 2498.255 | 2410.085 |
| N | OVER DRAWL(+)/UNDER DRAWAL(-) FROM THE GRID | | | | -60.958 |
| | AVAILABILITY FROM THE STATIONS WITHIN DELHI | | | | |
| (I) | RPH | | | | 74.942 |
| (ii) | GT | | | | 98.450 |
| (iii) | PRAGATI | | | | 140.174 |
| (iv) | RITHALA | | | | 0.000 |
| (v) | BAWANA (CCGT) | | | | 163.713 |
| (vi) | TOWMCL | | | | 13.077 |
| (vii) | BTSPS | | | | 385.094 |
| O | TOTAL AVAILABILITY WITHIN DELHI | | | | 875.450 |
| | AVAILABILITY FROM RENEWABLE SOURCES | | | | |
| (I) | RENEWABLE SOLAR (NDPL) | | | | 0.189000 |
| (ii) | RENEWABLE SOLAR (BRPL) | | | | 0.112000 |
| (iii) | RENEWABLE SOLAR (BYPL) | | | | 0.023000 |
| (iv) | RENEWABLE SOLAR (NDMC) | | | | 0.120 |
| P | TOTAL RENEWABLE ENERGY | | | | 0.444 |
| Q | TOTAL AVAILABILITY WITHIN DELHI (O + P) | | | | 875.894 |
| R | TOTAL CONSUMPTION (M + N + Q) | | | | 3225.021 |
| S | LOAD SHEDDING | | | | 37.995 |
| T | % DEPENDENCE ON GRID | | | | 74.73 |
| U | AUXILIARY CONSUMPTION OF STATIONS WITHIN DELHI | | | | 26.284 |
| V | NET CONSUMPTION OF DTL | | | | 3198.737 |
| W | TOTAL REQUIREMENT | | | | 3236.732 |

9.4 Power supply position during the month of July 2014

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|-----------|---|---------------------------------|---------------------------------|---|---|
| 1 | SINGRAULI | 90.593 | 87.729 | 89.063 | 86.248 |
| 2 | RIHAND-I | 57.485 | 55.671 | 53.885 | 52.186 |
| 3 | RIHAND-II | 72.191 | 69.906 | 67.757 | 65.614 |
| 4 | RIHAND-III | 67.049 | 64.926 | 64.488 | 62.447 |
| 5 | UNCHAHAAR-I | 16.787 | 16.256 | 11.856 | 11.481 |
| 6 | UNCHAHAAR-II | 33.271 | 32.219 | 23.691 | 22.943 |
| 7 | UNCHAHAAR-III | 20.378 | 19.734 | 14.698 | 14.233 |
| 8 | DADRI(TH) | 534.692 | 517.790 | 422.244 | 408.908 |
| 9 | DADRI(TH)- Stage-II | 428.399 | 414.885 | 370.240 | 358.570 |
| 10 | FARAKA | 12.360 | 11.968 | 11.265 | 10.908 |
| 11 | KHELGAON | 27.726 | 26.848 | 23.770 | 23.018 |
| 12 | KHELGAON-II | 66.635 | 64.523 | 61.920 | 59.959 |
| 13 | ANTA(GT) | 13.797 | 13.363 | 11.029 | 10.682 |
| 14 | ANTA(Liquid) | 15.893 | 15.388 | 0.042 | 0.041 |
| 15 | ANTA(RLNG) | 0.013 | 0.013 | 0.000 | 0.000 |
| 16 | AURAIYA(GT) | 11.095 | 10.743 | 8.214 | 7.954 |
| 17 | AURAIYA(Liquid) | 38.784 | 37.558 | 0.134 | 0.130 |
| 18 | AURAIYA(RLNG) | 0.149 | 0.144 | 0.000 | 0.000 |
| 19 | DADRI(GT) | 17.860 | 17.297 | 13.925 | 13.485 |
| 20 | DADRI(Liquid) | 26.942 | 26.090 | 0.261 | 0.252 |
| 21 | DADRI (RLNG) | 0.001 | 0.001 | 0.000 | 0.000 |
| A. | TOTAL NTPC (TOTAL 1-21) | 1552.099 | 1503.051 | 1248.484 | 1209.060 |
| 22 | TANAKPUR | 6.044 | 5.854 | 6.044 | 5.854 |
| 23 | CHAMERA-I | 31.399 | 30.406 | 31.399 | 30.406 |
| 24 | CHAMERA-II | 28.774 | 27.864 | 28.774 | 27.864 |
| 25 | CHAMERA-III | 20.933 | 20.271 | 20.933 | 20.271 |
| 26 | B/SUIL | 10.179 | 9.857 | 10.179 | 9.857 |
| 27 | SALAL | 55.117 | 53.374 | 55.117 | 53.374 |
| 28 | DAULI GANGA | 7.478 | 7.244 | 7.478 | 7.244 |
| 29 | DULASTI | 28.196 | 27.304 | 28.196 | 27.304 |
| 30 | URI-I | 38.834 | 37.606 | 38.834 | 37.606 |
| 31 | URI-II | 23.921 | 23.165 | 23.921 | 23.165 |
| 32 | SEWA -II | 5.696 | 5.514 | 5.696 | 5.514 |
| 33 | PARBATI3 | 21.528 | 20.846 | 21.528 | 20.846 |
| B | TOTAL NHPC(TOTAL 22 TO 33) | 278.099 | 269.306 | 278.099 | 269.306 |
| 34 | NAPP | 21.527 | 20.846 | 21.527 | 20.846 |
| 35 | RAPP 'C' | 31.333 | 30.338 | 31.333 | 30.338 |
| C | TOTAL NPC (34 TO 35) | 52.860 | 51.184 | 52.860 | 51.184 |
| D | NATHPA JHAKHRI(SJVNL) | 111.831 | 108.296 | 83.155 | 80.526 |
| 36 | TEHRI | 29.407 | 28.471 | 29.407 | 28.471 |
| 37 | KOTESHWAR | 12.413 | 12.018 | 12.413 | 12.018 |
| E | TOTAL THDC (TOTAL 36 TO 37) | 41.820 | 40.489 | 41.820 | 40.489 |
| F | JHAJJAR | 0.000 | 0.000 | 0.000 | 0.000 |
| G | TALA | 22.716 | 21.997 | 22.716 | 21.997 |
| H | SASAN | 161.074 | 155.998 | 155.729 | 150.819 |
| I | TOTAL CENTRAL SECTOR (A+B+C+D+E+F+G+H) | 2220.498 | 2150.322 | 1882.862 | 1823.382 |

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|----------|--|---------------------------------|---------------------------------|---|---|
| | BILATERAL IMPORT | | | | |
| (iii) | ASSAM | 9.119 | 8.956 | 8.956 | 8.673 |
| (v) | TRIPURA | 0.033 | 0.032 | 0.032 | 0.031 |
| (vi) | MEGHALAYA | 0.093 | 0.091 | 0.091 | 0.088 |
| (vii) | WEST BENGAL | 0.641 | 0.635 | 0.635 | 0.615 |
| (viii) | MADHYA PRADESH | 45.208 | 44.331 | 44.331 | 42.923 |
| (ix) | CLP JHAJJAR | 16.693 | 16.464 | 16.464 | 15.945 |
| (x) | HARYANA | 0.051 | 0.051 | 0.051 | 0.049 |
| (xii) | UNREQUISITIONED SURPLUS | 0.504 | 0.487 | 0.504 | 0.487 |
| (xiv) | DVC | 147.796 | 146.270 | 146.270 | 141.654 |
| (xviii) | DVC METHON (NDPL) | 199.816 | 197.754 | 197.754 | 191.509 |
| (xxiii) | JHARKHAND | 15.221 | 15.110 | 15.110 | 14.632 |
| (xxvi) | HIMACHAL PRADESH | 115.254 | 113.677 | 113.677 | 110.084 |
| (xxvii) | JAMMU & KASHMIR | 182.259 | 179.766 | 179.766 | 174.084 |
| (xxviii) | POWER EXCHANGE (IEX) | 77.915 | 75.441 | 77.915 | 75.441 |
| xxix) | POWER EXCHANGE (PX) | 0.000 | 0.000 | 0.000 | 0.000 |
| J | TOTAL BILATERAL IMPORT | 810.603 | 799.066 | 801.556 | 776.215 |
| K | TOTAL ENERGY IMPORTED | 3031.101 | 2949.389 | 2684.418 | 2599.597 |
| | BILATERAL EXPORT | | | | |
| (xiv) | JAMMU & KASHMIR | -0.077 | -0.079 | -0.079 | -0.081 |
| (xxiii) | WEST BENGAL | -15.000 | -15.158 | -15.158 | -15.657 |
| (xxvii) | POWER EXCHANGE (IEX) | -74.281 | -76.701 | -74.281 | -76.701 |
| (xxviii) | POWER EXCHANGE (PX) | -14.873 | -15.359 | -14.873 | -15.359 |
| xxix) | SHARE PROJECT (HARYANA) | -10.381 | -10.724 | -10.381 | -10.724 |
| (xxx) | POWER EXCHANGE (PUNJAB) | -10.379 | -10.722 | -10.379 | -10.722 |
| L | TOTAL EXPORT | -124.990 | -128.741 | -125.150 | -129.242 |
| M | NET IMPORT FROM THE GRID | 2906.111 | 2820.647 | 2559.269 | 2470.355 |
| N | OVER DRAWL(+)/UNDER DRAWAL(-) FROM THE GRID | | | | -89.633 |
| | AVAILABILITY FROM THE STATIONS WITHIN DELHI | | | | |
| (I) | RPH | | | | 60.799 |
| (ii) | GT | | | | 112.372 |
| (iii) | PRAGATI | | | | 216.090 |
| (iv) | RITHALA | | | | 0.000 |
| (v) | BAWANA (CCGT) | | | | 193.112 |
| (vi) | TOWMCL | | | | 10.661 |
| (vii) | BTPS | | | | 363.572 |
| O | TOTAL AVAILABILITY WITHIN DELHI | | | | 956.606 |
| | AVAILABILITY FROM RENEWABLE SOURCES | | | | |
| (I) | RENEWABLE SOLAR (NDPL) | | | | 0.165000 |
| (ii) | RENEWABLE SOLAR (BRPL) | | | | 0.076000 |
| (iii) | RENEWABLE SOLAR (BYPL) | | | | 0.027000 |
| (iv) | RENEWABLE SOLAR (NDMC) | | | | 0.108 |
| P | TOTAL RENEWABLE ENERGY | | | | 0.376 |
| Q | TOTAL AVAILABILITY WITHIN DELHI (O + P) | | | | 956.982 |
| R | TOTAL CONSUMPTION (M + N + Q) | | | | 3337.704 |
| S | LOAD SHEDDING | | | | 10.936 |
| T | % DEPENDENCE ON GRID | | | | 74.01 |
| U | AUXILIARY CONSUMPTION OF STATIONS WITHIN DELHI | | | | 27.947 |
| V | NET CONSUMPTION OF DTL | | | | 3309.757 |
| W | TOTAL REQUIREMENT | | | | 3320.693 |

9.5 Power supply position during the month of August 2014

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|-----------|---|---------------------------------|---------------------------------|---|---|
| 1 | SINGRAULI | 79.553 | 77.060 | 78.734 | 76.266 |
| 2 | RIHAND-I | 39.286 | 38.051 | 37.072 | 35.906 |
| 3 | RIHAND-II | 81.795 | 79.230 | 77.376 | 74.949 |
| 4 | RIHAND-III | 44.870 | 43.475 | 42.354 | 41.035 |
| 5 | UNCHAHAAR-I | 14.184 | 13.734 | 11.026 | 10.676 |
| 6 | UNCHAHAAR-II | 31.289 | 30.306 | 25.114 | 24.326 |
| 7 | UNCHAHAAR-III | 20.348 | 19.710 | 16.426 | 15.910 |
| 8 | DADRI(TH) | 536.664 | 519.839 | 420.717 | 407.539 |
| 9 | DADRI(TH)- Stage-II | 346.400 | 335.514 | 300.346 | 290.901 |
| 10 | FARAKA | 10.846 | 10.504 | 10.558 | 10.225 |
| 11 | KHELGAON | 31.776 | 30.780 | 27.558 | 26.695 |
| 12 | KHELGAON-II | 69.192 | 67.008 | 63.983 | 61.962 |
| 13 | ANTA(GT) | 15.076 | 14.604 | 12.041 | 11.664 |
| 14 | ANTA(Liquid) | 15.897 | 15.398 | 0.757 | 0.736 |
| 15 | ANTA(RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| 16 | AURAIYA(GT) | 10.780 | 10.441 | 8.014 | 7.763 |
| 17 | AURAIYA(Liquid) | 39.380 | 38.144 | 1.688 | 1.636 |
| 18 | AURAIYA(RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| 19 | DADRI(GT) | 16.417 | 15.899 | 12.092 | 11.713 |
| 20 | DADRI(Liquid) | 43.158 | 41.806 | 2.375 | 2.303 |
| 21 | DADRI (RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| A. | TOTAL NTPC (TOTAL 1-21) | 1446.912 | 1401.503 | 1148.231 | 1112.205 |
| 22 | TANAKPUR | 7.691 | 7.450 | 7.691 | 7.450 |
| 23 | CHAMERA-I | 24.574 | 23.797 | 24.574 | 23.797 |
| 24 | CHAMERA-II | 27.675 | 26.801 | 27.675 | 26.801 |
| 25 | CHAMERA-III | 19.380 | 18.768 | 19.380 | 18.768 |
| 26 | B/SUIL | 8.005 | 7.752 | 8.005 | 7.752 |
| 27 | SALAL | 55.740 | 53.986 | 55.740 | 53.986 |
| 28 | DAULI GANGA | 17.237 | 16.698 | 17.237 | 16.698 |
| 29 | DULASTI | 35.662 | 34.544 | 35.662 | 34.544 |
| 30 | URI-I | 31.142 | 30.166 | 31.142 | 30.166 |
| 31 | URI-II | 21.619 | 20.940 | 21.619 | 20.940 |
| 32 | SEWA -II | 4.469 | 4.327 | 4.469 | 4.327 |
| 33 | PARBATI3 | 16.616 | 16.090 | 16.616 | 16.090 |
| B | TOTAL NHPC(TOTAL 22 TO 33) | 269.810 | 261.320 | 269.810 | 261.320 |
| 34 | NAPP | 21.410 | 20.738 | 20.747 | 20.096 |
| 35 | RAPP 'C' | 34.564 | 33.480 | 34.564 | 33.480 |
| C | TOTAL NPC (34 TO 35) | 55.974 | 54.218 | 55.311 | 53.576 |
| D | NATHPA JHAKHRI(SJVNL) | 107.822 | 104.440 | 80.432 | 77.909 |
| 36 | TEHRI | 62.268 | 60.286 | 62.268 | 60.286 |
| 37 | KOTESHWAR | 21.776 | 21.082 | 21.776 | 21.082 |
| E | TOTAL THDC (TOTAL 36 TO 37) | 84.043 | 81.368 | 84.043 | 81.368 |
| F | JHAJJAR | 0.000 | 0.000 | 0.000 | 0.000 |
| G | TALA | 23.341 | 22.608 | 23.341 | 22.608 |
| H | SASAN | 162.202 | 157.109 | 161.650 | 156.574 |
| I | TOTAL CENTRAL SECTOR (A+B+C+D+E+F+G+H) | 2150.104 | 2082.566 | 1822.817 | 1765.560 |

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|----------|--|---------------------------------|---------------------------------|---|---|
| | BILATERAL IMPORT | | | | |
| (vi) | MEGHALAYA | 1.097 | 1.081 | 1.081 | 1.046 |
| (viii) | MADHYA PRADESH | 36.186 | 35.455 | 35.455 | 34.343 |
| (ix) | CLP JHAJJAR | 37.541 | 37.020 | 37.020 | 35.847 |
| (xiv) | DVC | 179.076 | 177.228 | 177.228 | 171.629 |
| (xviii) | DVC METHON (NDPL) | 160.984 | 159.317 | 159.317 | 154.290 |
| (xxiii) | JHARKHAND | 15.221 | 15.109 | 15.109 | 14.632 |
| (xxiv) | ORISSA | 0.483 | 0.477 | 0.477 | 0.462 |
| (xxvi) | HIMACHAL PRADESH | 85.377 | 84.209 | 84.209 | 81.547 |
| (xxvii) | JAMMU & KASHMIR | 218.879 | 215.886 | 215.886 | 209.062 |
| (xxviii) | POWER EXCHANGE(IEX) | 105.347 | 102.007 | 105.347 | 102.007 |
| xxix) | POWER EXCHANGE (PX) | 0.000 | 0.000 | 0.000 | 0.000 |
| J | TOTAL BILATERAL IMPORT | 840.191 | 827.789 | 831.130 | 804.863 |
| K | TOTAL ENERGY IMPORTED | 2990.295 | 2910.356 | 2653.947 | 2570.423 |
| | BILATERAL EXPORT | | | | |
| (I) | RAJASTHAN | -0.242 | -0.246 | -0.246 | -0.254 |
| (vi) | UTTAR PRADESH | -6.405 | -6.524 | -6.524 | -6.740 |
| (xxvii) | POWER EXCHANGE (IEX) | -83.245 | -85.951 | -83.245 | -85.951 |
| (xxviii) | POWER EXCHANGE (PX) | -20.572 | -21.248 | -20.572 | -21.248 |
| xxix) | SHARE PROJECT (HARYANA) | -26.252 | -27.111 | -26.252 | -27.111 |
| (xxx) | POWER EXCHANGE (PUNJAB) | -26.250 | -27.109 | -26.250 | -27.109 |
| L | TOTAL EXPORT | -162.966 | -168.189 | -163.089 | -168.414 |
| M | NET IMPORT FROM THE GRID | 2827.329 | 2742.167 | 2490.858 | 2402.010 |
| N | OVER DRAWL(+)/UNDER DRAWAL(-) FROM THE GRID | | | | -25.518 |
| | AVAILABILITY FROM THE STATIONS WITHIN DELHI | | | | |
| (I) | RPH | | | | 49.613 |
| (ii) | GT | | | | 72.415 |
| (iii) | PRAGATI | | | | 209.264 |
| (iv) | RITHALA | | | | 0.000 |
| (v) | BAWANA (CCGT) | | | | 259.992 |
| (vi) | TOWMCL | | | | 10.384 |
| (vii) | BTPS | | | | 260.172 |
| O | TOTAL AVAILABILITY WITHIN DELHI | | | | 861.840 |
| | AVAILABILITY FROM RENEWABLE SOURCES | | | | |
| (I) | RENEWABLE SOLAR (NDPL) | | | | 0.190000 |
| (ii) | RENEWABLE SOLAR (BRPL) | | | | 0.106000 |
| (iii) | RENEWABLE SOLAR (BYPL) | | | | 0.029000 |
| (iv) | RENEWABLE SOLAR (NDMC) | | | | 0.111 |
| P | TOTAL RENEWABLE ENERGY | | | | 0.436 |
| Q | TOTAL AVAILABILITY WITHIN DELHI (O + P) | | | | 862.276 |
| R | TOTAL CONSUMPTION (M + N + Q) | | | | 3238.768 |
| S | LOAD SHEDDING | | | | 11.752 |
| T | % DEPENDENCE ON GRID | | | | 74.16 |
| U | AUXILIARY CONSUMPTION OF STATIONS WITHIN DELHI | | | | 26.947 |
| V | NET CONSUMPTION OF DTL | | | | 3211.821 |
| W | TOTAL REQUIREMENT | | | | 3223.573 |

9.6 Power supply position during the month of September 2014

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|-----------|---|---------------------------------|---------------------------------|---|---|
| 1 | SINGRAULI | 73.949 | 71.782 | 73.941 | 71.775 |
| 2 | RIHAND-I | 29.212 | 28.352 | 28.313 | 27.480 |
| 3 | RIHAND-II | 81.988 | 79.586 | 80.382 | 78.028 |
| 4 | RIHAND-III | 74.184 | 72.017 | 72.453 | 70.338 |
| 5 | UNCHAHAR-I | 7.389 | 7.172 | 6.821 | 6.620 |
| 6 | UNCHAHAR-II | 28.392 | 27.563 | 26.108 | 25.345 |
| 7 | UNCHAHAR-III | 19.404 | 18.835 | 17.972 | 17.445 |
| 8 | DADRI(TH) | 396.665 | 385.109 | 325.963 | 316.454 |
| 9 | DADRI(TH)- Stage-II | 399.939 | 388.269 | 352.622 | 342.322 |
| 10 | FARAKA | 10.153 | 9.855 | 9.573 | 9.292 |
| 11 | KHELGAON | 31.688 | 30.759 | 29.228 | 28.371 |
| 12 | KHELGAON-II | 71.455 | 69.358 | 68.749 | 66.731 |
| 13 | ANTA(GT) | 13.524 | 13.126 | 10.847 | 10.528 |
| 14 | ANTA(Liquid) | 15.149 | 14.705 | 0.715 | 0.695 |
| 15 | ANTA(RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| 16 | AURAIYA(GT) | 14.264 | 13.845 | 10.033 | 9.738 |
| 17 | AURAIYA(Liquid) | 27.023 | 26.235 | 1.376 | 1.337 |
| 18 | AURAIYA(RLNG) | 0.130 | 0.126 | 0.000 | 0.000 |
| 19 | DADRI(GT) | 20.399 | 19.798 | 13.612 | 13.211 |
| 20 | DADRI(Liquid) | 40.138 | 38.964 | 1.511 | 1.469 |
| 21 | DADRI (RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| A. | TOTAL NTPC (TOTAL 1-21) | 1355.046 | 1315.458 | 1130.222 | 1097.179 |
| 22 | TANAKPUR | 7.342 | 7.127 | 7.342 | 7.127 |
| 23 | CHAMERA-I | 18.652 | 18.108 | 18.652 | 18.108 |
| 24 | CHAMERA-II | 21.234 | 20.614 | 21.234 | 20.614 |
| 25 | CHAMERA-III | 14.595 | 14.169 | 14.595 | 14.169 |
| 26 | B/SUIL | 5.348 | 5.194 | 5.348 | 5.194 |
| 27 | SALAL | 38.333 | 37.201 | 38.333 | 37.201 |
| 28 | DAULI GANGA | 17.482 | 16.971 | 17.482 | 16.971 |
| 29 | DULASTI | 34.807 | 33.788 | 34.807 | 33.788 |
| 30 | URI-I | 28.911 | 28.063 | 28.911 | 28.063 |
| 31 | URI-II | 17.236 | 16.729 | 17.236 | 16.729 |
| 32 | SEWA -II | 7.215 | 7.004 | 7.215 | 7.004 |
| 33 | PARBATI3 | 7.703 | 7.478 | 7.703 | 7.478 |
| B | TOTAL NHPC(TOTAL 22 TO 33) | 218.858 | 212.444 | 218.858 | 212.444 |
| 34 | NAPP | 21.055 | 20.438 | 21.055 | 20.438 |
| 35 | RAPP 'C' | 16.922 | 16.432 | 16.922 | 16.432 |
| C | TOTAL NPC (34 TO 35) | 37.977 | 36.871 | 37.977 | 36.871 |
| D | NATHPA JHAKHRI(SJVNL) | 74.372 | 72.200 | 55.481 | 53.860 |
| 36 | TEHRI | 16.295 | 15.818 | 16.295 | 15.818 |
| 37 | KOTESHWAR | 5.462 | 5.303 | 5.462 | 5.303 |
| E | TOTAL THDC (TOTAL 36 TO 37) | 21.757 | 21.121 | 21.757 | 21.121 |
| F | JHAJJAR | 0.000 | 0.000 | 0.000 | 0.000 |
| G | TALA | 22.798 | 22.130 | 22.798 | 22.130 |
| H | SASAN | 144.221 | 140.018 | 144.210 | 140.008 |
| I | TOTAL CENTRAL SECTOR (A+B+C+D+E+F+G+H) | 1875.029 | 1820.242 | 1631.303 | 1583.613 |

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|----------|--|---------------------------------|---------------------------------|---|---|
| | BILATERAL IMPORT | | | | |
| (iv) | ANDHRA PRADESH | 0.035 | 0.034 | 0.034 | 0.033 |
| (vi) | MEGHALAYA | 15.968 | 15.745 | 15.745 | 15.283 |
| (vii) | MADHYA PRADESH | 67.190 | 65.944 | 65.944 | 63.997 |
| (ix) | CLP JHAJJAR | 45.016 | 44.453 | 44.453 | 43.138 |
| (xi) | UTTAR PRADESH | 65.250 | 64.248 | 64.248 | 62.367 |
| (xii) | UNREQUISITIONED SURPLUS | 0.254 | 0.246 | 0.254 | 0.246 |
| (xiii) | MAHARASHTRA | 0.279 | 0.274 | 0.274 | |
| (xiv) | DVC | 152.065 | 150.358 | 150.358 | 145.955 |
| (xviii) | DVC METHON (NDPL) | 93.772 | 92.704 | 92.704 | 89.964 |
| (xxi) | CHATTISHGARH | 0.016 | 0.015 | 0.015 | 0.015 |
| (xxiii) | JHARKHAND | 14.728 | 14.606 | 14.606 | 14.178 |
| (xxiv) | ORISSA | 0.196 | 0.193 | 0.193 | 0.187 |
| (xxvi) | HIMACHAL PRADESH | 36.978 | 36.520 | 36.520 | 35.450 |
| (xxvii) | JAMMU & KASHMIR | 68.637 | 67.788 | 67.788 | 65.799 |
| (xxviii) | POWER EXCHANGE(IEX) | 89.055 | 86.415 | 89.055 | 86.415 |
| xxix) | POWER EXCHANGE (PX) | 0.000 | 0.000 | 0.000 | 0.000 |
| J | TOTAL BILATERAL IMPORT | 649.436 | 639.544 | 642.192 | 623.028 |
| K | TOTAL ENERGY IMPORTED | 2524.466 | 2459.786 | 2273.495 | 2206.641 |
| | BILATERAL EXPORT | | | | |
| (vi) | UTTAR PRADESH | -13.649 | -13.860 | -13.860 | -14.275 |
| (vii) | BIHAR | -0.146 | -0.147 | -0.147 | -0.152 |
| (xv) | KERALA | -0.252 | -0.257 | -0.257 | -0.265 |
| (xxv) | HARYANA | -0.281 | -0.285 | -0.285 | -0.293 |
| (xxvii) | POWER EXCHANGE (IEX) | -72.595 | -74.725 | -72.595 | -74.725 |
| (xxviii) | POWER EXCHANGE (PX) | -11.423 | -11.767 | -11.423 | -11.767 |
| xxix) | SHARE PROJECT (HARYANA) | -20.654 | -21.278 | -20.654 | -21.278 |
| (xxx) | POWER EXCHANGE (PUNJAB) | -17.314 | -17.838 | -17.314 | -17.838 |
| L | TOTAL EXPORT | -136.314 | -140.158 | -136.537 | -140.593 |
| M | NET IMPORT FROM THE GRID | 2388.152 | 2319.628 | 2136.959 | 2066.048 |
| N | OVER DRAWL(+)/UNDER DRAWAL(-) FROM THE GRID | | | | 5.876 |
| | AVAILABILITY FROM THE STATIONS WITHIN DELHI | | | | |
| (i) | RPH | | | | 53.273 |
| (ii) | GT | | | | 81.018 |
| (iii) | PRAGATI | | | | 207.342 |
| (iv) | RITHALA | | | | 0.000 |
| (v) | BAWANA (CCGT) | | | | 210.497 |
| (vi) | TOWMCL | | | | 10.733 |
| (vii) | BTSP | | | | 210.525 |
| O | TOTAL AVAILABILITY WITHIN DELHI | | | | 773.388 |
| | AVAILABILITY FROM RENEWABLE SOURCES | | | | |
| (i) | RENEWABLE SOLAR (NDPL) | | | | 0.185000 |
| (ii) | RENEWABLE SOLAR (BRPL) | | | | 0.105000 |
| (iii) | RENEWABLE SOLAR (BYPL) | | | | 0.028000 |
| (iv) | RENEWABLE SOLAR (NDMC) | | | | 0.111 |
| P | TOTAL RENEWABLE ENERGY | | | | 0.429 |
| Q | TOTAL AVAILABILITY WITHIN DELHI (O + P) | | | | 773.817 |
| R | TOTAL CONSUMPTION (M + N + Q) | | | | 2845.741 |
| S | LOAD SHEDDING | | | | 7.504 |
| T | % DEPENDENCE ON GRID | | | | 72.60 |
| U | AUXILIARY CONSUMPTION OF STATIONS WITHIN DELHI | | | | 26.858 |
| V | NET CONSUMPTION OF DTL | | | | 2818.883 |
| W | TOTAL REQUIREMENT | | | | 2826.387 |

9.7 Power supply position during the month of October 2014

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|-----------|---|---------------------------------|---------------------------------|---|---|
| 1 | SINGRAULI | 75.521 | 72.991 | 75.384 | 72.858 |
| 2 | RIHAND-I | 57.061 | 55.139 | 54.644 | 52.806 |
| 3 | RIHAND-II | 61.551 | 59.515 | 59.559 | 57.591 |
| 4 | RIHAND-III | 86.470 | 83.568 | 82.162 | 79.410 |
| 5 | UNCHAHAAR-I | 12.263 | 11.853 | 10.379 | 10.035 |
| 6 | UNCHAHAAR-II | 30.487 | 29.469 | 26.844 | 25.953 |
| 7 | UNCHAHAAR-III | 18.888 | 18.257 | 16.755 | 16.198 |
| 8 | DADRI(TH) | 371.099 | 358.568 | 269.697 | 260.654 |
| 9 | DADRI(TH)- Stage-II | 461.723 | 446.193 | 379.053 | 366.364 |
| 10 | FARAKA | 12.963 | 12.525 | 12.667 | 12.241 |
| 11 | KHELGAON | 33.552 | 32.428 | 29.446 | 28.465 |
| 12 | KHELGAON-II | 106.742 | 103.161 | 98.247 | 94.964 |
| 13 | ANTA(GT) | 11.470 | 11.082 | 7.260 | 7.019 |
| 14 | ANTA(Liquid) | 19.286 | 18.643 | 0.000 | 0.000 |
| 15 | ANTA(RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| 16 | AURAIYA(GT) | 15.357 | 14.837 | 7.807 | 7.547 |
| 17 | AURAIYA(Liquid) | 27.470 | 26.546 | 0.026 | 0.025 |
| 18 | AURAIYA(RLNG) | 0.143 | 0.138 | 0.000 | 0.000 |
| 19 | DADRI(GT) | 20.961 | 20.255 | 10.981 | 10.618 |
| 20 | DADRI(Liquid) | 43.729 | 42.266 | 0.001 | 0.001 |
| 21 | DADRI (RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| A. | TOTAL NTPC (TOTAL 1-21) | 1466.738 | 1417.434 | 1140.908 | 1102.747 |
| 22 | TANAKPUR | 5.661 | 5.473 | 5.661 | 5.473 |
| 23 | CHAMERA-I | 7.021 | 6.789 | 7.021 | 6.789 |
| 24 | CHAMERA-II | 10.343 | 10.001 | 10.343 | 10.001 |
| 25 | CHAMERA-III | 6.472 | 6.258 | 6.472 | 6.258 |
| 26 | B/SUIL | 3.290 | 3.181 | 3.290 | 3.181 |
| 27 | SALAL | 25.049 | 24.224 | 25.049 | 24.224 |
| 28 | DAULI GANGA | 9.188 | 8.882 | 9.188 | 8.882 |
| 29 | DULASTI | 26.606 | 25.725 | 26.606 | 25.725 |
| 30 | URI-I | 29.866 | 28.877 | 29.866 | 28.877 |
| 31 | URI-II | 19.992 | 19.327 | 19.992 | 19.327 |
| 32 | SEWA -II | 2.116 | 2.046 | 2.116 | 2.046 |
| 33 | PARBATI3 | 3.586 | 3.467 | 3.586 | 3.467 |
| B | TOTAL NHPC(TOTAL 22 TO 33) | 149.189 | 144.249 | 149.189 | 144.249 |
| 34 | NAPP | 22.253 | 21.507 | 22.253 | 21.507 |
| 35 | RAPP 'C' | 15.186 | 14.670 | 14.939 | 14.432 |
| C | TOTAL NPC (34 TO 35) | 37.439 | 36.177 | 37.192 | 35.939 |
| D | NATHPA JHAKHRI(SJVNL) | 40.288 | 38.951 | 30.055 | 29.057 |
| 36 | TEHRI | 18.180 | 17.572 | 18.180 | 17.572 |
| 37 | KOTESHWAR | 5.578 | 5.392 | 5.578 | 5.392 |
| E | TOTAL THDC (TOTAL 36 TO 37) | 23.758 | 22.963 | 23.758 | 22.963 |
| F | JHAJJAR | 0.000 | 0.000 | 0.000 | 0.000 |
| G | TALA | 13.480 | 13.035 | 13.480 | 13.036 |
| H | SASAN | 115.464 | 111.608 | 115.323 | 111.473 |
| I | TOTAL CENTRAL SECTOR (A+B+C+D+E+F+G+H) | 1846.356 | 1784.417 | 1509.905 | 1459.464 |

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|----------|--|---------------------------------|---------------------------------|---|---|
| | BILATERAL IMPORT | | | | |
| (ii) | GUJRAT | 0.410 | 0.405 | 0.405 | 0.392 |
| (v) | TRIPURA | 0.103 | 0.101 | 0.101 | 0.098 |
| (vi) | MEGHALAYA | 8.189 | 8.056 | 8.056 | 7.790 |
| (viii) | MADHYA PRADESH | 12.656 | 12.459 | 12.459 | 12.050 |
| (ix) | CLP JHAJJAR | 45.073 | 44.420 | 44.420 | 42.965 |
| (xi) | UTTAR PRADESH | 24.084 | 23.657 | 23.657 | 22.872 |
| (xii) | UNREQUISITIONED SURPLUS | 0.304 | 0.294 | 0.304 | 0.294 |
| (xiv) | DVC | 161.601 | 159.914 | 159.914 | 154.554 |
| (xviii) | DVC METHON (NDPL) | 194.396 | 192.206 | 192.206 | 185.782 |
| (xxiv) | ORISSA | 0.225 | 0.222 | 0.222 | 0.214 |
| (xxvii) | JAMMU & KASHMIR | 0.991 | 0.977 | 0.977 | 0.946 |
| (xxviii) | POWER EXCHANGE(IEX) | 60.214 | 58.289 | 60.214 | 58.289 |
| xxix) | POWER EXCHANGE (PX) | 0.000 | 0.000 | 0.000 | 0.000 |
| J | TOTAL BILATERAL IMPORT | 508.245 | 501.001 | 502.935 | 486.248 |
| K | TOTAL ENERGY IMPORTED | 2354.600 | 2285.418 | 2012.840 | 1945.712 |
| | BILATERAL EXPORT | | | | |
| (vi) | UTTAR PRADESH | -74.847 | -76.220 | -76.220 | -78.891 |
| (xiv) | JAMMU & KASHMIR | -18.406 | -18.701 | -18.701 | -19.386 |
| (xv) | KERALA | -0.035 | -0.035 | -0.035 | -0.036 |
| (xvi) | JHARKHAND | -12.628 | -12.761 | -12.761 | -13.204 |
| (xix) | MEGHALAYA | -0.884 | -0.900 | -0.900 | -0.932 |
| (xx) | HIMACHAL PRADESH | -30.383 | -30.866 | -30.866 | -31.988 |
| (xxii) | MADHYA PRADESH | -4.228 | -4.312 | -4.312 | -4.471 |
| (xxvi) | BTSP TO MP | -130.508 | -132.770 | -132.770 | -137.373 |
| (xxvii) | POWER EXCHANGE (IEX) | -56.835 | -58.824 | -56.835 | -58.824 |
| (xxviii) | POWER EXCHANGE (PX) | -7.912 | -8.190 | -7.912 | -8.190 |
| xxix) | SHARE PROJECT (HARYANA) | -30.137 | -31.187 | -30.137 | -31.187 |
| (xxx) | POWER EXCHANGE (PUNJAB) | -21.747 | -22.495 | -21.747 | -22.495 |
| L | TOTAL EXPORT | -388.549 | -397.261 | -393.197 | -406.976 |
| M | NET IMPORT FROM THE GRID | 1966.051 | 1888.156 | 1619.643 | 1538.736 |
| N | OVER DRAWL(+)/UNDER DRAWAL(-) FROM THE GRID | | | | -23.493 |
| | AVAILABILITY FROM THE STATIONS WITHIN DELHI | | | | |
| (I) | RPH | | | | 0.009 |
| (ii) | GT | | | | 70.258 |
| (iii) | PRAGATI | | | | 209.495 |
| (iv) | RITHALA | | | | 0.000 |
| (v) | BAWANA (CCGT) | | | | 274.404 |
| (vi) | TOWMCL | | | | 13.153 |
| (vii) | BTSP | | | | 286.291 |
| O | TOTAL AVAILABILITY WITHIN DELHI | | | | 853.610 |
| | AVAILABILITY FROM RENEWABLE SOURCES | | | | |
| (I) | RENEWABLE SOLAR (NDPL) | | | | 0.168 |
| (ii) | RENEWABLE SOLAR (BRPL) | | | | 0.035 |
| (iii) | RENEWABLE SOLAR (BYPL) | | | | 0.022 |
| (iv) | RENEWABLE SOLAR (NDMC) | | | | 0.097 |
| P | TOTAL RENEWABLE ENERGY | | | | 0.322 |
| Q | TOTAL AVAILABILITY WITHIN DELHI (O + P) | | | | 853.932 |
| R | TOTAL CONSUMPTION (M + N + Q) | | | | 2369.175 |
| S | LOAD SHEDDING | | | | 4.007 |
| T | % DEPENDENCE ON GRID | | | | 64.95 |
| U | AUXILIARY CONSUMPTION OF STATIONS WITHIN DELHI | | | | 20.272 |
| V | NET CONSUMPTION OF DTL | | | | 2348.903 |
| W | TOTAL REQUIREMENT | | | | 2352.910 |

9.8 Power supply position during the month of November 2014

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|-----------|---|---------------------------------|---------------------------------|---|---|
| 1 | SINGRAULI | 82.427 | 79.320 | 81.830 | 78.748 |
| 2 | RIHAND-I | 60.726 | 58.445 | 57.630 | 55.466 |
| 3 | RIHAND-II | 80.375 | 77.333 | 74.524 | 71.703 |
| 4 | RIHAND-III | 57.773 | 55.611 | 53.767 | 51.755 |
| 5 | UNCHAHAAR-I | 15.262 | 14.686 | 13.310 | 12.808 |
| 6 | UNCHAHAAR-II | 22.362 | 21.525 | 19.785 | 19.045 |
| 7 | UNCHAHAAR-III | 18.601 | 17.898 | 16.523 | 15.899 |
| 8 | DADRI(TH) | 392.052 | 377.312 | 280.554 | 270.016 |
| 9 | DADRI(TH)- Stage-II | 422.723 | 406.953 | 350.206 | 337.131 |
| 10 | FARAKA | 14.032 | 13.506 | 13.319 | 12.819 |
| 11 | KHELGAON | 33.252 | 32.001 | 26.900 | 25.885 |
| 12 | KHELGAON-II | 106.217 | 102.224 | 98.348 | 94.642 |
| 13 | ANTA(GT) | 26.460 | 25.463 | 17.681 | 17.013 |
| 14 | ANTA(Liquid) | 4.172 | 4.017 | 0.000 | 0.000 |
| 15 | ANTA(RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| 16 | AURAIYA(GT) | 23.958 | 23.056 | 10.458 | 10.066 |
| 17 | AURAIYA(Liquid) | 15.117 | 14.566 | 0.000 | 0.000 |
| 18 | AURAIYA(RLNG) | 0.085 | 0.082 | 0.000 | 0.000 |
| 19 | DADRI(GT) | 34.843 | 33.509 | 16.814 | 16.173 |
| 20 | DADRI(Liquid) | 29.517 | 28.431 | 0.000 | 0.000 |
| 21 | DADRI (RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| A. | TOTAL NTPC (TOTAL 1-21) | 1439.956 | 1385.935 | 1131.648 | 1089.169 |
| 22 | TANAKPUR | 3.157 | 3.039 | 3.157 | 3.039 |
| 23 | CHAMERA-I | 4.355 | 4.191 | 4.355 | 4.191 |
| 24 | CHAMERA-II | 6.013 | 5.787 | 6.013 | 5.787 |
| 25 | CHAMERA-III | 3.393 | 3.266 | 3.393 | 3.266 |
| 26 | B/SUIL | 2.217 | 2.134 | 2.217 | 2.134 |
| 27 | SALAL | 13.656 | 13.143 | 13.656 | 13.143 |
| 28 | DAULI GANGA | 5.291 | 5.092 | 5.291 | 5.092 |
| 29 | DULASTI | 14.801 | 14.245 | 14.801 | 14.245 |
| 30 | URI-I | 16.901 | 16.266 | 16.901 | 16.266 |
| 31 | URI-II | 8.793 | 8.463 | 8.793 | 8.463 |
| 32 | SEWA -II | 1.270 | 1.222 | 1.270 | 1.222 |
| 33 | PARBATI3 | 1.353 | 1.303 | 1.353 | 1.303 |
| B | TOTAL NHPC(TOTAL 22 TO 33) | 81.201 | 78.150 | 81.201 | 78.150 |
| 34 | NAPP | 22.326 | 21.486 | 22.326 | 21.486 |
| 35 | RAPP 'C' | 35.145 | 33.818 | 35.145 | 33.818 |
| C | TOTAL NPC (34 TO 35) | 57.471 | 55.305 | 57.471 | 55.305 |
| D | NATHPA JHAKHRI(SJVNL) | 25.452 | 24.496 | 18.987 | 18.274 |
| 36 | TEHRI | 20.574 | 19.796 | 20.574 | 19.796 |
| 37 | KOTESHWAR | 6.472 | 6.227 | 6.472 | 6.227 |
| E | TOTAL THDC (TOTAL 36 TO 37) | 27.046 | 26.023 | 27.046 | 26.023 |
| F | JHAJJAR | 0.000 | 0.000 | 0.000 | 0.000 |
| G | TALA | 5.514 | 5.308 | 5.514 | 5.308 |
| H | SASAN | 161.362 | 155.255 | 160.690 | 154.608 |
| I | TOTAL CENTRAL SECTOR (A+B+C+D+E+F+G+H) | 1798.001 | 1730.472 | 1482.557 | 1426.836 |

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|----------|--|---------------------------------|---------------------------------|---|---|
| | BILATERAL IMPORT | | | | |
| (ii) | GUJRAT | 0.187 | 0.184 | 0.184 | 0.176 |
| (ix) | CLP JHAJJAR | 46.606 | 45.816 | 45.816 | 44.087 |
| (xiv) | DVC | 161.489 | 159.824 | 159.824 | 153.794 |
| (xviii) | DVC METHON (NDPL) | 105.918 | 104.835 | 104.835 | 100.906 |
| (xxviii) | POWER EXCHANGE(IEX) | 43.189 | 41.581 | 43.189 | 41.581 |
| xxix) | POWER EXCHANGE (PX) | 0.000 | 0.000 | 0.000 | 0.000 |
| J | TOTAL BILATERAL IMPORT | 357.388 | 352.239 | 353.848 | 340.545 |
| K | TOTAL ENERGY IMPORTED | 2155.389 | 2082.711 | 1836.404 | 1767.381 |
| | BILATERAL EXPORT | | | | |
| (v) | GUJRAT | -0.077 | -0.078 | -0.078 | -0.081 |
| (vi) | UTTAR PRADESH | -33.426 | -34.203 | -34.203 | -35.542 |
| (xiv) | JAMMU & KASHMIR | -128.387 | -130.957 | -130.957 | -136.057 |
| (xv) | KERALA | -1.797 | -1.841 | -1.841 | -1.913 |
| (xvi) | JHARKHAND | -12.195 | -12.322 | -12.322 | -12.804 |
| (xix) | MEGHALAYA | -13.420 | -13.679 | -13.679 | -14.214 |
| (xx) | HIMACHAL PRADESH | -78.013 | -79.352 | -79.352 | -82.453 |
| (xxii) | MADHYA PRADESH | -140.646 | -143.357 | -143.357 | -148.972 |
| (xxvi) | BTPS TO MP | -96.409 | -98.269 | -98.269 | -102.121 |
| (xxvii) | POWER EXCHANGE (IEX) | -16.884 | -17.544 | -16.884 | -17.544 |
| (xxviii) | POWER EXCHANGE (PX) | -9.089 | -9.444 | -9.089 | -9.444 |
| xxix) | SHARE PROJECT (HARYANA) | -32.030 | -33.285 | -32.030 | -33.285 |
| (xxx) | POWER EXCHANGE (PUNJAB) | -18.825 | -19.549 | -18.825 | -19.549 |
| L | TOTAL EXPORT | -581.197 | -593.882 | -590.887 | -613.979 |
| M | NET IMPORT FROM THE GRID | 1574.192 | 1488.830 | 1245.517 | 1153.402 |
| N | OVER DRAWL(+)/UNDER DRAWAL(-) FROM THE GRID | | | | -49.437 |
| | AVAILABILITY FROM THE STATIONS WITHIN DELHI | | | | |
| (I) | RPH | | | | 0.000 |
| (ii) | GT | | | | 58.619 |
| (iii) | PRAGATI | | | | 140.388 |
| (iv) | RITHALA | | | | 0.000 |
| (v) | BAWANA (CCGT) | | | | 221.333 |
| (vi) | TOWMCL | | | | 10.162 |
| (vii) | BTPS | | | | 225.354 |
| O | TOTAL AVAILABILITY WITHIN DELHI | | | | 655.856 |
| | AVAILABILITY FROM RENEWABLE SOURCES | | | | |
| (I) | RENEWABLE SOLAR (NDPL) | | | | 0.165 |
| (ii) | RENEWABLE SOLAR (BRPL) | | | | 0.044 |
| (iii) | RENEWABLE SOLAR (BYPL) | | | | 0.017 |
| (iv) | RENEWABLE SOLAR (NDMC) | | | | 0.000 |
| P | TOTAL RENEWABLE ENERGY | | | | 0.226 |
| Q | TOTAL AVAILABILITY WITHIN DELHI (O + P) | | | | 656.082 |
| R | TOTAL CONSUMPTION (M + N + Q) | | | | 1760.047 |
| S | LOAD SHEDDING | | | | 1.292 |
| T | % DEPENDENCE ON GRID | | | | 65.53 |
| U | AUXILIARY CONSUMPTION OF STATIONS WITHIN DELHI | | | | 15.742 |
| V | NET CONSUMPTION OF DTL | | | | 1744.305 |
| W | TOTAL REQUIREMENT | | | | 1745.597 |

9.9 Power supply position during the month of December 2014

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|-----------|---|---------------------------------|---------------------------------|---|---|
| 1 | SINGRAULI | 76.472 | 73.234 | 74.658 | 71.498 |
| 2 | RIHAND-I | 62.818 | 60.179 | 58.842 | 56.374 |
| 3 | RIHAND-II | 87.360 | 83.706 | 80.418 | 77.063 |
| 4 | RIHAND-III | 77.928 | 74.547 | 69.673 | 66.645 |
| 5 | UNCHAHAAR-I | 16.757 | 16.054 | 14.550 | 13.941 |
| 6 | UNCHAHAAR-II | 32.962 | 31.576 | 28.883 | 27.672 |
| 7 | UNCHAHAAR-III | 19.845 | 19.017 | 17.184 | 16.472 |
| 8 | DADRI(TH) | 310.586 | 297.537 | 244.198 | 233.924 |
| 9 | DADRI(TH)- Stage-II | 347.192 | 332.631 | 291.330 | 279.063 |
| 10 | FARAKA | 15.231 | 14.588 | 14.547 | 13.931 |
| 11 | KHELGAON | 33.616 | 32.205 | 27.776 | 26.609 |
| 12 | KHELGAON-II | 109.774 | 105.158 | 104.123 | 99.730 |
| 13 | ANTA(GT) | 24.800 | 23.772 | 17.920 | 17.169 |
| 14 | ANTA(Liquid) | 7.531 | 7.194 | 0.003 | 0.003 |
| 15 | ANTA(RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| 16 | AURAIYA(GT) | 23.974 | 23.009 | 11.960 | 11.476 |
| 17 | AURAIYA(Liquid) | 22.184 | 21.165 | 0.575 | 0.546 |
| 18 | AURAIYA(RLNG) | 0.065 | 0.062 | 0.000 | 0.000 |
| 19 | DADRI(GT) | 33.591 | 32.247 | 18.229 | 17.493 |
| 20 | DADRI(Liquid) | 33.969 | 32.466 | 0.610 | 0.579 |
| 21 | DADRI (RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| A. | TOTAL NTPC (TOTAL 1-21) | 1336.656 | 1280.348 | 1075.480 | 1030.187 |
| 22 | TANAKPUR | 2.476 | 2.372 | 2.476 | 2.372 |
| 23 | CHAMERA-I | 4.108 | 3.939 | 4.108 | 3.939 |
| 24 | CHAMERA-II | 4.983 | 4.775 | 4.983 | 4.775 |
| 25 | CHAMERA-III | 2.629 | 2.519 | 2.629 | 2.519 |
| 26 | B/SUIL | 1.583 | 1.518 | 1.583 | 1.518 |
| 27 | SALAL | 10.065 | 9.645 | 10.065 | 9.645 |
| 28 | DAULI GANGA | 4.122 | 3.951 | 4.122 | 3.951 |
| 29 | DULASTI | 11.521 | 11.040 | 11.521 | 11.040 |
| 30 | URI-I | 10.590 | 10.152 | 10.590 | 10.152 |
| 31 | URI-II | 0.000 | 0.000 | 0.000 | 0.000 |
| 32 | SEWA -II | 1.183 | 1.133 | 1.183 | 1.133 |
| 33 | PARBATI3 | 0.000 | 0.000 | 0.000 | 0.000 |
| B | TOTAL NHPC(TOTAL 22 TO 33) | 53.261 | 51.043 | 53.261 | 51.043 |
| 34 | NAPP | 24.116 | 23.094 | 24.116 | 23.094 |
| 35 | RAPP 'C' | 19.702 | 18.881 | 19.702 | 18.881 |
| C | TOTAL NPC (34 TO 35) | 43.818 | 41.974 | 43.818 | 41.974 |
| D | NATHPA JHAKHRI(SJVNL) | 20.822 | 19.953 | 15.533 | 14.885 |
| 36 | TEHRI | 22.679 | 21.716 | 22.679 | 21.716 |
| 37 | KOTESHWAR | 7.602 | 7.279 | 7.602 | 7.279 |
| E | TOTAL THDC (TOTAL 36 TO 37) | 30.281 | 28.994 | 30.281 | 28.994 |
| F | JHAJJAR | 0.000 | 0.000 | 0.000 | 0.000 |
| G | TALA | 2.970 | 2.848 | 2.964 | 2.843 |
| H | SASAN | 165.800 | 158.783 | 165.292 | 158.299 |
| I | TOTAL CENTRAL SECTOR (A+B+C+D+E+F+G+H) | 1653.608 | 1583.945 | 1386.630 | 1328.226 |

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|----------|--|---------------------------------|---------------------------------|---|---|
| | BILATERAL IMPORT | | | | |
| (ii) | GUJRAT | 0.039 | 0.038 | 0.038 | 0.036 |
| (vii) | WEST BENGAL | 12.927 | 12.787 | 12.787 | 12.196 |
| (viii) | MADHYA PRADESH | 0.103 | 0.102 | 0.102 | 0.098 |
| (ix) | CLP JHAJJAR | 34.816 | 34.160 | 34.160 | 32.759 |
| (xi) | UTTAR PRADESH | 7.277 | 7.081 | 7.081 | 6.727 |
| (xii) | UNREQUISITIONED SURPLUS | 0.230 | 0.219 | 0.230 | 0.219 |
| (xiv) | DVC | 191.550 | 189.069 | 189.069 | 181.089 |
| (xxviii) | DVC METHON (NDPL) | 193.831 | 191.311 | 191.311 | 183.225 |
| (xxviii) | POWER EXCHANGE (IEX) | 171.130 | 163.478 | 171.130 | 163.478 |
| xxix) | POWER EXCHANGE (PX) | 0.000 | 0.000 | 0.000 | 0.000 |
| J | TOTAL BILATERAL IMPORT | 611.904 | 598.244 | 605.908 | 579.827 |
| K | TOTAL ENERGY IMPORTED | 2265.512 | 2182.189 | 1992.539 | 1908.053 |
| | BILATERAL EXPORT | | | | |
| (ii) | ASSAM | -5.054 | -5.148 | -5.148 | -5.375 |
| (vi) | UTTAR PRADESH | -56.990 | -58.489 | -58.489 | -61.080 |
| (xiv) | JAMMU & KASHMIR | -150.246 | -153.721 | -153.721 | -160.525 |
| (xv) | KERALA | -0.694 | -0.710 | -0.710 | -0.737 |
| (xvi) | JHARKHAND | -12.543 | -12.707 | -12.707 | -13.266 |
| (xix) | MEGHALAYA | -5.637 | -5.731 | -5.731 | -5.855 |
| (xx) | HIMACHAL PRADESH | -110.447 | -112.637 | -112.637 | -117.586 |
| (xxii) | MADHYA PRADESH | -78.246 | -79.709 | -79.709 | -83.187 |
| (xxvi) | BTPS TO MP | -48.442 | -49.328 | -49.328 | -51.336 |
| (xxvii) | POWER EXCHANGE (IEX) | -8.454 | -8.854 | -8.454 | -8.854 |
| (xxviii) | POWER EXCHANGE (PX) | -11.110 | -11.590 | -11.110 | -11.590 |
| xxix) | SHARE PROJECT (HARYANA) | -29.250 | -30.522 | -29.250 | -30.522 |
| (xxx) | POWER EXCHANGE (PUNJAB) | -13.146 | -13.695 | -13.146 | -13.695 |
| L | TOTAL EXPORT | -530.260 | -542.842 | -540.141 | -563.609 |
| M | NET IMPORT FROM THE GRID | 1735.253 | 1639.347 | 1452.398 | 1344.444 |
| N | OVER DRAWL(+)/UNDER DRAWAL(-) FROM THE GRID | | | | -47.480 |
| | AVAILABILITY FROM THE STATIONS WITHIN DELHI | | | | |
| (I) | RPH | | | | 0.000 |
| (ii) | GT | | | | 59.790 |
| (iii) | PRAGATI | | | | 145.069 |
| (iv) | RITHALA | | | | 0.000 |
| (v) | BAWANA (CCGT) | | | | 236.466 |
| (vi) | TOWMCL | | | | 10.142 |
| (vii) | BTPS | | | | 186.119 |
| O | TOTAL AVAILABILITY WITHIN DELHI | | | | 637.586 |
| | AVAILABILITY FROM RENEWABLE SOURCES | | | | |
| (I) | RENEWABLE SOLAR (NDPL) | | | | 0.105 |
| (ii) | RENEWABLE SOLAR (BRPL) | | | | 0.042 |
| (iii) | RENEWABLE SOLAR (BYPL) | | | | 0.013 |
| (iv) | RENEWABLE SOLAR (NDMC) | | | | 0.000 |
| P | TOTAL RENEWABLE ENERGY | | | | 0.160 |
| Q | TOTAL AVAILABILITY WITHIN DELHI (O + P) | | | | 637.746 |
| R | TOTAL CONSUMPTION (M + N + Q) | | | | 1934.710 |
| S | LOAD SHEDDING | | | | 6.302 |
| T | % DEPENDENCE ON GRID | | | | 69.49 |
| U | AUXILIARY CONSUMPTION OF STATIONS WITHIN DELHI | | | | 15.132 |
| V | NET CONSUMPTION OF DTL | | | | 1919.578 |
| W | TOTAL REQUIREMENT | | | | 1925.880 |

9.10 Power supply position during the month of January 2015

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|-----------|---|---------------------------------|---------------------------------|---|---|
| 1 | SINGRAULI | 86.055 | 81.589 | 82.581 | 78.296 |
| 2 | RIHAND-I | 57.454 | 54.470 | 51.634 | 48.955 |
| 3 | RIHAND-II | 86.246 | 81.735 | 78.332 | 74.237 |
| 4 | RIHAND-III | 90.203 | 85.483 | 82.413 | 78.102 |
| 5 | UNCHAHAR-I | 17.066 | 16.174 | 13.992 | 13.263 |
| 6 | UNCHAHAR-II | 32.753 | 31.046 | 27.139 | 25.727 |
| 7 | UNCHAHAR-III | 20.526 | 19.454 | 17.396 | 16.488 |
| 8 | DADRI(TH) | 373.687 | 354.272 | 285.748 | 270.890 |
| 9 | DADRI(TH)- Stage-II | 352.495 | 334.075 | 299.749 | 284.076 |
| 10 | FARAKA | 15.316 | 14.516 | 14.076 | 13.339 |
| 11 | KHELGAON | 34.076 | 32.295 | 29.704 | 28.151 |
| 12 | KHELGAON-II | 106.409 | 100.839 | 100.291 | 95.033 |
| 13 | ANTA(GT) | 26.374 | 25.000 | 15.850 | 15.024 |
| 14 | ANTA(Liquid) | 6.757 | 6.401 | 0.034 | 0.032 |
| 15 | ANTA(RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| 16 | AURAIYA(GT) | 20.472 | 19.416 | 7.422 | 7.040 |
| 17 | AURAIYA(Liquid) | 32.421 | 30.704 | 0.228 | 0.216 |
| 18 | AURAIYA(RLNG) | 0.049 | 0.047 | 0.000 | 0.000 |
| 19 | DADRI(GT) | 38.536 | 36.523 | 14.632 | 13.873 |
| 20 | DADRI(Liquid) | 28.130 | 26.647 | 0.189 | 0.179 |
| 21 | DADRI (RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| A. | TOTAL NTPC (TOTAL 1-21) | 1425.027 | 1350.684 | 1121.409 | 1062.920 |
| 22 | TANAKPUR | 2.333 | 2.210 | 2.333 | 2.210 |
| 23 | CHAMERA-I | 4.041 | 3.832 | 4.041 | 3.832 |
| 24 | CHAMERA-II | 4.103 | 3.889 | 4.103 | 3.889 |
| 25 | CHAMERA-III | 2.045 | 1.938 | 2.045 | 1.938 |
| 26 | B/SUIL | 1.395 | 1.323 | 1.395 | 1.323 |
| 27 | SALAL | 7.813 | 7.405 | 7.813 | 7.405 |
| 28 | DAULI GANGA | 3.740 | 3.544 | 3.740 | 3.544 |
| 29 | DULASTI | 10.005 | 9.481 | 10.005 | 9.481 |
| 30 | URI-I | 7.915 | 7.501 | 7.915 | 7.501 |
| 31 | URI-II | 0.000 | 0.000 | 0.000 | 0.000 |
| 32 | SEWA -II | 1.350 | 1.280 | 1.350 | 1.280 |
| 33 | PARBATI3 | 0.000 | 0.000 | 0.000 | 0.000 |
| B | TOTAL NHPC(TOTAL 22 TO 33) | 44.741 | 42.402 | 44.741 | 42.402 |
| 34 | NAPP | 29.943 | 28.382 | 29.943 | 28.382 |
| 35 | RAPP 'C' | 19.113 | 18.118 | 19.113 | 18.118 |
| C | TOTAL NPC (34 TO 35) | 49.056 | 46.499 | 49.056 | 46.499 |
| D | NATHPA JHAKHRI(SJVNL) | 18.004 | 17.062 | 13.431 | 12.728 |
| 36 | TEHRI | 26.381 | 25.004 | 26.381 | 25.004 |
| 37 | KOTESHWAR | 9.089 | 8.615 | 9.089 | 8.615 |
| E | TOTAL THDC (TOTAL 36 TO 37) | 35.470 | 33.619 | 35.470 | 33.619 |
| F | JHAJJAR | 0.000 | 0.000 | 0.000 | 0.000 |
| G | TALA | 1.593 | 1.508 | 1.593 | 1.508 |
| H | SASAN | 112.712 | 106.771 | 111.615 | 105.733 |
| I | TOTAL CENTRAL SECTOR (A+B+C+D+E+F+G+H) | 1686.603 | 1598.546 | 1377.315 | 1305.409 |

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|----------|--|---------------------------------|---------------------------------|---|---|
| | BILATERAL IMPORT | | | | |
| (vii) | WEST BENGAL | 19.250 | 18.985 | 18.985 | 17.944 |
| (ix) | CLP JHAJJAR | 37.906 | 36.980 | 36.980 | 35.084 |
| (x) | HARYANA | 6.295 | 6.147 | 6.147 | 5.841 |
| (xi) | UTTAR PRADESH | 26.163 | 25.440 | 25.440 | 24.128 |
| (xiv) | DVC | 172.752 | 170.317 | 170.317 | 161.360 |
| (xviii) | DVC METHON (NDPL) | 184.844 | 182.251 | 182.251 | 172.731 |
| (xxiv) | ORISSA | 32.075 | 31.528 | 31.528 | 29.871 |
| (xxv) | PUNJAB | 20.145 | 19.671 | 19.671 | 18.691 |
| (xxviii) | POWER EXCHANGE(IEX) | 138.021 | 130.795 | 138.021 | 130.795 |
| xxix) | POWER EXCHANGE (PX) | 0.153 | 0.146 | 0.153 | 0.146 |
| J | TOTAL BILATERAL IMPORT | 637.606 | 622.260 | 629.493 | 596.591 |
| K | TOTAL ENERGY IMPORTED | 2324.209 | 2220.806 | 2006.807 | 1902.000 |
| | BILATERAL EXPORT | | | | |
| (ii) | ASSAM | -5.031 | -5.123 | -5.123 | -5.405 |
| (vi) | UTTAR PRADESH | -56.162 | -57.967 | -57.967 | -61.177 |
| (xiv) | JAMMU & KASHMIR | -163.817 | -168.534 | -168.534 | -177.819 |
| (xvi) | JHARKHAND | -12.500 | -12.644 | -12.644 | -13.341 |
| (xx) | HIMACHAL PRADESH | -84.818 | -86.995 | -86.995 | -91.792 |
| (xxii) | MADHYA PRADESH | -94.208 | -95.826 | -95.826 | -101.111 |
| (xxvii) | POWER EXCHANGE (IEX) | -11.841 | -12.504 | -11.841 | -12.504 |
| (xxviii) | POWER EXCHANGE (PX) | -12.006 | -12.670 | -12.006 | -12.670 |
| xxix) | SHARE PROJECT (HARYANA) | -26.051 | -27.490 | -26.051 | -27.490 |
| (xxx) | POWER EXCHANGE (PUNJAB) | -7.639 | -8.058 | -7.639 | -8.058 |
| L | TOTAL EXPORT | -474.072 | -487.810 | -484.625 | -511.367 |
| M | NET IMPORT FROM THE GRID | 1850.137 | 1732.995 | 1522.183 | 1390.633 |
| N | OVER DRAWL(+)/UNDER DRAWAL(-) FROM THE GRID | | | | -8.515 |
| | AVAILABILITY FROM THE STATIONS WITHIN DELHI | | | | |
| (I) | RPH | | | | 29.290 |
| (ii) | GT | | | | 96.614 |
| (iii) | PRAGATI | | | | 139.654 |
| (iv) | RITHALA | | | | 0.000 |
| (v) | BAWANA (CCGT) | | | | 229.301 |
| (vi) | TOWMCL | | | | 7.699 |
| (vii) | BTPS | | | | 221.064 |
| O | TOTAL AVAILABILITY WITHIN DELHI | | | | 723.622 |
| | AVAILABILITY FROM RENEWABLE SOURCES | | | | |
| (I) | RENEWABLE SOLAR (NDPL) | | | | 0.093 |
| (ii) | RENEWABLE SOLAR (BRPL) | | | | 0.041 |
| (iii) | RENEWABLE SOLAR (BYPL) | | | | 0.015 |
| (iv) | RENEWABLE SOLAR (NDMC) | | | | 0.000 |
| P | TOTAL RENEWABLE ENERGY | | | | 0.149 |
| Q | TOTAL AVAILABILITY WITHIN DELHI (O + P) | | | | 723.771 |
| R | TOTAL CONSUMPTION (M + N + Q) | | | | 2105.889 |
| S | LOAD SHEDDING | | | | 1.428 |
| T | % DEPENDENCE ON GRID | | | | 66.04 |
| U | AUXILIARY CONSUMPTION OF STATIONS WITHIN DELHI | | | | 20.725 |
| V | NET CONSUMPTION OF DTL | | | | 2085.164 |
| W | TOTAL REQUIREMENT | | | | 2086.592 |

9.11 Power supply position during the month of February 2015

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|-----------|---|---------------------------------|---------------------------------|---|---|
| 1 | SINGRAULI | 91.555 | 87.651 | 86.211 | 82.536 |
| 2 | RIHAND-I | 60.146 | 57.585 | 49.158 | 47.066 |
| 3 | RIHAND-II | 76.447 | 73.192 | 62.122 | 59.471 |
| 4 | RIHAND-III | 82.447 | 78.931 | 67.917 | 65.016 |
| 5 | UNCHAHAAR-I | 15.450 | 14.792 | 9.743 | 9.325 |
| 6 | UNCHAHAAR-II | 30.456 | 29.159 | 17.910 | 17.137 |
| 7 | UNCHAHAAR-III | 18.625 | 17.832 | 13.255 | 12.688 |
| 8 | DADRI(TH) | 375.444 | 359.461 | 261.036 | 249.921 |
| 9 | DADRI(TH)- Stage-II | 317.859 | 304.330 | 234.855 | 224.839 |
| 10 | FARAKA | 13.251 | 12.687 | 9.976 | 9.549 |
| 11 | KHELGAON | 30.523 | 29.223 | 22.177 | 21.227 |
| 12 | KHELGAON-II | 99.298 | 95.070 | 83.080 | 79.541 |
| 13 | ANTA(GT) | 20.828 | 19.917 | 7.977 | 7.626 |
| 14 | ANTA(Liquid) | 8.729 | 8.383 | 0.000 | 0.000 |
| 15 | ANTA(RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| 16 | AURAIYA(GT) | 22.947 | 21.967 | 7.850 | 7.520 |
| 17 | AURAIYA(Liquid) | 14.332 | 13.725 | 0.000 | 0.000 |
| 18 | AURAIYA(RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| 19 | DADRI(GT) | 32.610 | 31.204 | 10.127 | 9.694 |
| 20 | DADRI(Liquid) | 24.942 | 23.914 | 0.000 | 0.000 |
| 21 | DADRI (RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| A. | TOTAL NTPC (TOTAL 1-21) | 1335.890 | 1279.023 | 943.394 | 903.156 |
| 22 | TANAKPUR | 1.534 | 1.468 | 1.526 | 1.461 |
| 23 | CHAMERA-I | 8.737 | 8.381 | 8.737 | 8.381 |
| 24 | CHAMERA-II | 6.585 | 6.311 | 6.585 | 6.311 |
| 25 | CHAMERA-III | 3.229 | 3.095 | 3.229 | 3.095 |
| 26 | B/SUIL | 4.354 | 4.175 | 4.354 | 4.175 |
| 27 | SALAL | 12.155 | 11.650 | 12.155 | 11.650 |
| 28 | DAULI GANGA | 3.149 | 3.015 | 3.149 | 3.015 |
| 29 | DULASTI | 9.552 | 9.150 | 9.552 | 9.150 |
| 30 | URI-I | 16.527 | 15.844 | 16.527 | 15.844 |
| 31 | URI-II | 0.000 | 0.000 | 0.000 | 0.000 |
| 32 | SEWA -II | 5.836 | 5.594 | 5.836 | 5.594 |
| 33 | PARBATI3 | 1.469 | 1.408 | 1.469 | 1.408 |
| B | TOTAL NHPC(TOTAL 22 TO 33) | 73.126 | 70.090 | 73.118 | 70.083 |
| 34 | NAPP | 28.201 | 27.000 | 28.190 | 26.988 |
| 35 | RAPP 'C' | 24.981 | 23.932 | 24.981 | 23.932 |
| C | TOTAL NPC (34 TO 35) | 53.182 | 50.931 | 53.170 | 50.920 |
| D | NATHPA JHAKHRI(SJVNL) | 16.011 | 15.331 | 11.944 | 11.437 |
| 36 | TEHRI | 23.052 | 22.070 | 23.052 | 22.070 |
| 37 | KOTESHWAR | 8.657 | 8.289 | 8.657 | 8.289 |
| E | TOTAL THDC (TOTAL 36 TO 37) | 31.709 | 30.358 | 31.709 | 30.358 |
| F | JHAJJAR | 0.000 | 0.000 | 0.000 | 0.000 |
| G | TALA | 0.734 | 0.702 | 0.734 | 0.702 |
| H | SASAN | 172.911 | 165.622 | 169.097 | 161.977 |
| I | TOTAL CENTRAL SECTOR (A+B+C+D+E+F+G+H) | 1683.562 | 1612.059 | 1283.166 | 1228.634 |

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|----------|--|---------------------------------|---------------------------------|---|---|
| | BILATERAL IMPORT | | | | |
| (vii) | WEST BENGAL | 23.713 | 23.408 | 23.408 | 22.400 |
| (ix) | CLP JHAJJAR | 22.927 | 22.477 | 22.477 | 21.518 |
| (x) | HARYANA | 10.934 | 10.720 | 10.720 | 10.264 |
| (xi) | UTTAR PRADESH | 7.987 | 7.795 | 7.795 | 7.441 |
| (xiv) | DVC | 95.497 | 94.264 | 94.264 | 90.187 |
| (xviii) | DVC METHON (NDPL) | 173.515 | 171.093 | 171.093 | 163.823 |
| (xxv) | PUNJAB | 17.495 | 17.153 | 17.153 | 16.422 |
| (xxviii) | POWER EXCHANGE(IEX) | 66.105 | 63.198 | 66.105 | 63.198 |
| xxix) | POWER EXCHANGE (PX) | 0.063 | 0.060 | 0.063 | 0.060 |
| J | TOTAL BILATERAL IMPORT | 418.235 | 410.167 | 413.078 | 395.313 |
| K | TOTAL ENERGY IMPORTED | 2101.797 | 2022.226 | 1696.244 | 1623.947 |
| | BILATERAL EXPORT | | | | |
| (ii) | ASSAM | -17.451 | -17.772 | -17.772 | -18.563 |
| (vi) | UTTAR PRADESH | -40.793 | -41.865 | -41.865 | -43.731 |
| (xiv) | JAMMU & KASHMIR | -157.019 | -160.765 | -160.765 | -167.914 |
| (xvi) | JHARKHAND | -11.364 | -11.477 | -11.477 | -11.988 |
| (xix) | MEGHALAYA | -15.403 | -15.735 | -15.735 | -16.435 |
| (xx) | HIMACHAL PRADESH | -79.089 | -80.667 | -80.667 | -84.254 |
| (xxii) | MADHYA PRADESH | -16.584 | -16.864 | -16.864 | -17.613 |
| (xxvii) | POWER EXCHANGE (IEX) | -26.736 | -27.896 | -26.736 | -27.896 |
| (xxviii) | POWER EXCHANGE (PX) | -11.510 | -12.023 | -11.510 | -12.023 |
| xxix) | SHARE PROJECT (HARYANA) | -26.850 | -28.043 | -26.850 | -28.043 |
| (xxx) | POWER EXCHANGE (PUNJAB) | -3.977 | -4.156 | -3.977 | -4.156 |
| L | TOTAL EXPORT | -406.777 | -417.262 | -414.218 | -432.615 |
| M | NET IMPORT FROM THE GRID | 1695.020 | 1604.964 | 1282.026 | 1191.332 |
| N | OVER DRAWL(+)/UNDER DRAWAL(-) FROM THE GRID | | | | -2.903 |
| | AVAILABILITY FROM THE STATIONS WITHIN DELHI | | | | |
| (I) | RPH | | | | 27.634 |
| (ii) | GT | | | | 59.419 |
| (iii) | PRAGATI | | | | 113.669 |
| (iv) | RITHALA | | | | 0.000 |
| (v) | BAWANA (CCGT) | | | | 198.970 |
| (vi) | TOWMCL | | | | 10.968 |
| (vii) | BTPS | | | | 105.119 |
| O | TOTAL AVAILABILITY WITHIN DELHI | | | | 515.779 |
| | AVAILABILITY FROM RENEWABLE SOURCES | | | | |
| (I) | RENEWABLE SOLAR (NDPL) | | | | 0.103 |
| (ii) | RENEWABLE SOLAR (BRPL) | | | | 0.060 |
| (iii) | RENEWABLE SOLAR (BYPL) | | | | 0.019 |
| (iv) | RENEWABLE SOLAR (NDMC) | | | | 0.000 |
| P | TOTAL RENEWABLE ENERGY | | | | 0.182 |
| Q | TOTAL AVAILABILITY WITHIN DELHI (O + P) | | | | 515.961 |
| R | TOTAL CONSUMPTION (M + N + Q) | | | | 1704.390 |
| S | LOAD SHEDDING | | | | 0.767 |
| T | % DEPENDENCE ON GRID | | | | 69.90 |
| U | AUXILIARY CONSUMPTION OF STATIONS WITHIN DELHI | | | | 17.311 |
| V | NET CONSUMPTION OF DTL | | | | 1687.079 |
| W | TOTAL REQUIREMENT | | | | 1687.846 |

9.12 Power supply position during the month of March 2015

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|-----------|---|---------------------------------|---------------------------------|---|---|
| 1 | SINGRAULI | 92.574 | 89.106 | 88.831 | 85.513 |
| 2 | RIHAND-I | 65.775 | 63.286 | 59.490 | 57.255 |
| 3 | RIHAND-II | 64.892 | 62.350 | 56.827 | 54.617 |
| 4 | RIHAND-III | 94.194 | 90.637 | 76.060 | 73.250 |
| 5 | UNCHAHAR-I | 17.187 | 16.538 | 12.759 | 12.282 |
| 6 | UNCHAHAR-II | 33.724 | 32.450 | 20.447 | 19.709 |
| 7 | UNCHAHAR-III | 20.528 | 19.752 | 14.503 | 13.964 |
| 8 | DADRI(TH) | 414.910 | 399.242 | 303.363 | 291.988 |
| 9 | DADRI(TH)- Stage-II | 222.245 | 213.649 | 177.660 | 170.824 |
| 10 | FARAKA | 13.483 | 12.977 | 11.105 | 10.689 |
| 11 | KHELGAON | 34.731 | 33.419 | 27.767 | 26.727 |
| 12 | KHELGAON-II | 110.413 | 106.243 | 96.835 | 93.189 |
| 13 | ANTA(GT) | 10.146 | 9.740 | 5.617 | 5.393 |
| 14 | ANTA(Liquid) | 11.230 | 10.777 | 0.000 | 0.000 |
| 15 | ANTA(RLNG) | 3.541 | 3.423 | 0.000 | 0.000 |
| 16 | AURAIYA(GT) | 28.178 | 27.079 | 12.069 | 11.601 |
| 17 | AURAIYA(Liquid) | 23.921 | 23.055 | 0.000 | 0.000 |
| 18 | AURAIYA(RLNG) | 0.084 | 0.081 | 0.000 | 0.000 |
| 19 | DADRI(GT) | 50.475 | 48.561 | 21.966 | 21.140 |
| 20 | DADRI(Liquid) | 17.563 | 16.905 | 0.000 | 0.000 |
| 21 | DADRI (RLNG) | 0.000 | 0.000 | 0.000 | 0.000 |
| A. | TOTAL NTPC (TOTAL 1-21) | 1329.796 | 1279.270 | 985.299 | 948.142 |
| 22 | TANAKPUR | 2.903 | 2.793 | 2.567 | 2.469 |
| 23 | CHAMERA-I | 18.971 | 18.266 | 16.868 | 16.233 |
| 24 | CHAMERA-II | 14.523 | 13.988 | 12.308 | 11.848 |
| 25 | CHAMERA-III | 7.493 | 7.220 | 3.572 | 3.429 |
| 26 | B/SUIL | 11.112 | 10.699 | 9.912 | 9.539 |
| 27 | SALAL | 33.812 | 32.550 | 30.343 | 29.197 |
| 28 | DAULI GANGA | 5.326 | 5.130 | 4.573 | 4.401 |
| 29 | DULASTI | 13.717 | 13.208 | 13.717 | 13.208 |
| 30 | URI-I | 37.411 | 35.999 | 34.167 | 32.864 |
| 31 | URI-II | 0.000 | 0.000 | 0.000 | 0.000 |
| 32 | SEWA -II | 11.816 | 11.370 | 10.762 | 10.351 |
| 33 | PARBATI3 | 2.958 | 2.850 | 2.958 | 2.850 |
| B | TOTAL NHPC(TOTAL 22 TO 33) | 160.043 | 154.074 | 141.746 | 136.389 |
| 34 | NAPP | 31.155 | 29.978 | 30.902 | 29.733 |
| 35 | RAPP 'C' | 38.093 | 36.648 | 38.093 | 36.648 |
| C | TOTAL NPC (34 TO 35) | 69.248 | 66.626 | 68.995 | 66.381 |
| D | NATHPA JHAKHRI(SJVNL) | 22.565 | 21.725 | 16.833 | 16.207 |
| 36 | TEHRI | 21.002 | 20.207 | 21.002 | 20.207 |
| 37 | KOTESHWAR | 8.459 | 8.140 | 8.459 | 8.140 |
| E | TOTAL THDC (TOTAL 36 TO 37) | 29.461 | 28.346 | 29.461 | 28.346 |
| F | JHAJJAR | 0.000 | 0.000 | 0.000 | 0.000 |
| G | TALA | 1.212 | 1.166 | 1.212 | 1.166 |
| H | SASAN | 156.675 | 150.634 | 153.547 | 147.637 |
| I | TOTAL CENTRAL SECTOR (A+B+C+D+E+F+G+H) | 1768.999 | 1701.841 | 1397.092 | 1344.268 |

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|----------|--|---------------------------------|---------------------------------|---|---|
| | BILATERAL IMPORT | | | | |
| (viii) | MADHYA PRADESH | 0.175 | 0.173 | 0.173 | 0.167 |
| (ix) | CLP JHAJJAR | 47.414 | 46.638 | 46.638 | 44.911 |
| (xiv) | DVC | 49.371 | 48.745 | 48.745 | 46.888 |
| (xviii) | DVC METHON (NDPL) | 201.851 | 199.330 | 199.330 | 191.824 |
| (xxvi) | HIMACHAL PRADESH | 0.206 | 0.203 | 0.203 | 0.197 |
| (xxvii) | JAMMU & KASHMIR | 1.108 | 1.093 | 1.093 | 1.057 |
| (xxviii) | POWER EXCHANGE(IEX) | 96.670 | 93.254 | 96.670 | 93.254 |
| xxix) | POWER EXCHANGE (PX) | 0.000 | 0.000 | 0.000 | 0.000 |
| J | TOTAL BILATERAL IMPORT | 396.795 | 389.436 | 392.852 | 378.297 |
| K | TOTAL ENERGY IMPORTED | 2165.794 | 2091.278 | 1789.945 | 1722.565 |
| | BILATERAL EXPORT | | | | |
| (ii) | ASSAM | -8.133 | -8.286 | -8.286 | -8.612 |
| (iv) | ORISSA | -35.950 | -36.405 | -36.405 | -37.835 |
| (vi) | UTTAR PRADESH | -53.257 | -54.488 | -54.488 | -56.613 |
| (xiv) | JAMMU & KASHMIR | -170.806 | -174.244 | -174.244 | -181.087 |
| (xv) | KERALA | -3.146 | -3.210 | -3.210 | -3.346 |
| (xvi) | JHARKHAND | -12.615 | -12.736 | -12.736 | -13.236 |
| (xix) | MEGHALAYA | -8.100 | -8.278 | -8.278 | -8.603 |
| (xx) | HIMACHAL PRADESH | -27.534 | -28.078 | -28.078 | -29.331 |
| (xxiii) | WEST BENGAL | -25.682 | -25.970 | -25.970 | -26.860 |
| (xxvii) | POWER EXCHANGE (IEX) | -37.672 | -39.217 | -37.672 | -39.217 |
| (xxviii) | POWER EXCHANGE (PX) | -15.698 | -16.273 | -15.698 | -16.273 |
| xxix) | SHARE PROJECT (HARYANA) | -25.814 | -26.819 | -25.814 | -26.819 |
| (xxx) | POWER EXCHANGE (PUNJAB) | -3.015 | -3.130 | -3.015 | -3.130 |
| L | TOTAL EXPORT | -427.422 | -437.133 | -433.895 | -450.960 |
| M | NET IMPORT FROM THE GRID | 1738.372 | 1654.144 | 1356.050 | 1271.605 |
| N | OVER DRAWL(+)/UNDER DRAWAL(-) FROM THE GRID | | | | 21.034 |
| | AVAILABILITY FROM THE STATIONS WITHIN DELHI | | | | |
| (I) | RPH | | | | 25.703 |
| (ii) | GT | | | | 58.833 |
| (iii) | PRAGATI | | | | 128.130 |
| (iv) | RITHALA | | | | 0.000 |
| (v) | BAWANA (CCGT) | | | | 193.897 |
| (vi) | TOWMCL | | | | 12.422 |
| (vii) | BTPS | | | | 126.272 |
| O | TOTAL AVAILABILITY WITHIN DELHI | | | | 545.257 |
| | AVAILABILITY FROM RENEWABLE SOURCES | | | | |
| (I) | RENEWABLE SOLAR (NDPL) | | | | 0.170 |
| (ii) | RENEWABLE SOLAR (BRPL) | | | | 0.061 |
| (iii) | RENEWABLE SOLAR (BYPL) | | | | 0.028 |
| (iv) | RENEWABLE SOLAR (NDMC) | | | | 0.000 |
| P | TOTAL RENEWABLE ENERGY | | | | 0.259 |
| Q | TOTAL AVAILABILITY WITHIN DELHI (O + P) | | | | 545.516 |
| R | TOTAL CONSUMPTION (M + N + Q) | | | | 1838.155 |
| S | LOAD SHEDDING | | | | 6.729 |
| T | % DEPENDENCE ON GRID | | | | 69.18 |
| U | AUXILIARY CONSUMPTION OF STATIONS WITHIN DELHI | | | | 18.297 |
| V | NET CONSUMPTION OF DTL | | | | 1819.858 |
| W | TOTAL REQUIREMENT | | | | 1826.587 |

9.13 Consolidated Power Supply Position for 2014-15

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|-----------|---|---------------------------------|---------------------------------|---|---|
| 1 | SINGRAULI | 1024.597 | 988.172 | 1003.719 | 968.144 |
| 2 | RIHAND-I | 676.716 | 652.405 | 627.621 | 605.220 |
| 3 | RIHAND-II | 917.403 | 884.496 | 851.870 | 821.535 |
| 4 | RIHAND-III | 908.462 | 875.607 | 836.618 | 806.644 |
| 5 | UNCHAHAAR-I | 182.527 | 175.954 | 133.114 | 128.266 |
| 6 | UNCHAHAAR-II | 361.011 | 348.102 | 263.315 | 253.859 |
| 7 | UNCHAHAAR-III | 237.127 | 228.691 | 179.342 | 172.906 |
| 8 | DADRI(TH) | 5277.877 | 5094.564 | 4064.047 | 3923.704 |
| 9 | DADRI(TH)- Stage-II | 4641.855 | 4479.218 | 3852.036 | 3717.322 |
| 10 | FARAKA | 156.033 | 150.387 | 142.182 | 137.052 |
| 11 | KHELGAON | 378.654 | 365.074 | 314.496 | 303.248 |
| 12 | KHELGAON-II | 1151.574 | 1109.966 | 1036.646 | 999.085 |
| 13 | ANTA(GT) | 210.342 | 202.514 | 139.431 | 134.348 |
| 14 | ANTA(Liquid) | 139.748 | 134.953 | 1.552 | 1.507 |
| 15 | ANTA(RLNG) | 4.144 | 4.010 | 0.000 | 0.000 |
| 16 | AURAIYA(GT) | 214.922 | 206.998 | 102.053 | 98.393 |
| 17 | AURAIYA(Liquid) | 327.922 | 316.411 | 4.028 | 3.890 |
| 18 | AURAIYA(RLNG) | 0.858 | 0.828 | 0.000 | 0.000 |
| 19 | DADRI(GT) | 344.005 | 331.328 | 162.273 | 156.419 |
| 20 | DADRI(Liquid) | 400.641 | 386.663 | 5.312 | 5.136 |
| 21 | DADRI (RLNG) | 0.044 | 0.043 | 0.000 | 0.000 |
| A. | TOTAL NTPC (TOTAL 1-21) | 17556.460 | 16936.385 | 13719.656 | 13236.677 |
| 22 | TANAKPUR | 49.120 | 47.464 | 48.772 | 47.128 |
| 23 | CHAMERA-I | 198.819 | 192.375 | 196.716 | 190.343 |
| 24 | CHAMERA-II | 195.656 | 189.314 | 193.441 | 187.174 |
| 25 | CHAMERA-III | 126.692 | 122.630 | 122.771 | 118.839 |
| 26 | B/SUIL | 83.144 | 80.433 | 81.945 | 79.273 |
| 27 | SALAL | 394.653 | 381.822 | 391.140 | 378.427 |
| 28 | DAULI GANGA | 95.138 | 91.986 | 94.384 | 91.258 |
| 29 | DULASTI | 270.697 | 261.740 | 270.697 | 261.740 |
| 30 | URI-I | 332.343 | 321.334 | 329.098 | 318.198 |
| 31 | URI-II | 156.441 | 151.572 | 156.441 | 151.572 |
| 32 | SEWA -II | 74.260 | 71.816 | 73.205 | 70.797 |
| 33 | PARBATI3 | 82.496 | 79.908 | 82.462 | 79.876 |
| B | TOTAL NHPC(TOTAL 22 TO 33) | 2059.458 | 1992.394 | 2041.073 | 1974.623 |
| 34 | NAPP | 274.019 | 263.968 | 273.068 | 263.047 |
| 35 | RAPP 'C' | 322.956 | 311.651 | 322.664 | 311.368 |
| C | TOTAL NPC (34 TO 35) | 596.976 | 575.619 | 595.732 | 574.416 |
| D | NATHPA JHAKHRI(SJVNL) | 639.235 | 618.428 | 472.707 | 457.311 |
| 36 | TEHRI | 305.616 | 294.784 | 305.616 | 294.784 |
| 37 | KOTESHWAR | 116.964 | 112.873 | 116.967 | 112.876 |
| E | TOTAL THDC (TOTAL 36 TO 37) | 422.580 | 407.658 | 422.583 | 407.661 |
| F | JHAJJAR | 411.949 | 399.786 | 52.546 | 50.998 |
| G | TALA | 114.960 | 111.281 | 114.710 | 111.040 |
| H | SASAN | 1693.031 | 1632.297 | 1676.875 | 1616.761 |
| I | TOTAL CENTRAL SECTOR (A+B+C+D+E+F+G+H) | 23494.649 | 22673.848 | 19095.882 | 18429.487 |

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|----------|-------------------------------|---------------------------------|---------------------------------|---|---|
| | BILATERAL IMPORT | | | | |
| (I) | RASJASTHAN | 0.110 | 0.109 | 0.109 | 0.107 |
| (ii) | GUJRAT | 0.635 | 0.627 | 0.627 | 0.605 |
| (iii) | ASSAM | 9.119 | 8.956 | 8.956 | 8.673 |
| (iv) | ANDHRA PRADESH | 0.035 | 0.034 | 0.034 | 0.033 |
| (v) | TRIPURA | 3.428 | 3.371 | 3.371 | 3.268 |
| (vi) | MEGHALAYA | 63.417 | 62.449 | 62.449 | 60.538 |
| (vii) | WEST BENGAL | 56.653 | 55.935 | 55.935 | 53.273 |
| (viii) | MADHYA PRADESH | 193.398 | 189.681 | 189.681 | 183.838 |
| (ix) | CLP JHAJJAR | 372.330 | 366.285 | 366.285 | 352.991 |
| (x) | HARYANA | 17.746 | 17.378 | 17.378 | 16.601 |
| (xi) | UTTAR PRADESH | 130.761 | 128.222 | 128.222 | 123.535 |
| (xii) | UNREQUISITIONED SURPLUS | 2.648 | 2.565 | 2.648 | 2.565 |
| (xiii) | MAHARASHTRA | 0.279 | 0.274 | 0.274 | 0.000 |
| (xiv) | DVC | 1828.520 | 1808.005 | 1808.005 | 1743.882 |
| (xviii) | DVC METHON (NDPL) | 2078.476 | 2054.497 | 2054.497 | 1981.108 |
| (xx) | DVC HARYANA (LT-09) | 15.172 | 15.018 | 15.018 | 14.571 |
| (xxi) | CHATTISHGARH | 0.016 | 0.015 | 0.015 | 0.015 |
| (xxiii) | JHARKHAND | 67.340 | 66.831 | 66.831 | 64.780 |
| (xxiv) | ORISSA | 33.209 | 32.647 | 32.647 | 30.954 |
| (xxv) | PUNJAB | 37.640 | 36.823 | 36.823 | 35.113 |
| (xxvi) | HIMACHAL PRADESH | 421.889 | 416.268 | 416.268 | 403.362 |
| (xxvii) | JAMMU & KASHMIR | 993.212 | 980.129 | 980.129 | 949.997 |
| (xxviii) | POWER EXCHANGE(IEX) | 912.357 | 877.284 | 912.357 | 877.284 |
| xxix) | POWER EXCHANGE (PX) | 0.216 | 0.206 | 0.216 | 0.206 |
| J | TOTAL BILATERAL IMPORT | 7238.609 | 7123.612 | 7158.778 | 6907.298 |
| K | TOTAL ENERGY IMPORTED | 30733.258 | 29797.460 | 26254.660 | 25336.785 |
| | BILATERAL EXPORT | | | | |
| (I) | RAJASTHAN | -0.242 | -0.246 | -0.246 | -0.254 |
| (ii) | ASSAM | -35.669 | -36.329 | -36.329 | -37.954 |
| (iii) | GOA | 0.000 | 0.000 | 0.000 | 0.000 |
| (iv) | ORISSA | -36.037 | -36.493 | -36.493 | -37.926 |
| (v) | GUJRAT | -0.077 | -0.078 | -0.078 | -0.081 |
| (vi) | UTTAR PRADESH | -424.037 | -433.771 | -433.771 | -450.851 |
| (vii) | BIHAR | -0.146 | -0.147 | -0.147 | -0.152 |
| (xiii) | ANDHRA PRADESH | -23.174 | -23.560 | -23.560 | -24.257 |
| (xiv) | JAMMU & KASHMIR | -788.757 | -807.000 | -807.000 | -842.869 |
| (xv) | KERALA | -6.550 | -6.692 | -6.692 | -6.956 |
| (xvi) | JHARKHAND | -73.845 | -74.648 | -74.648 | -77.839 |
| (xix) | MEGHALAYA | -43.443 | -44.322 | -44.322 | -46.038 |
| (xx) | HIMACHAL PRADESH | -410.285 | -418.594 | -418.594 | -437.404 |
| (xxi) | MAHARASHTRA | -26.227 | -26.785 | -26.785 | -27.567 |
| (xxii) | MADHYA PRADESH | -333.912 | -340.069 | -340.069 | -355.355 |
| (xxiii) | WEST BENGAL | -101.958 | -103.029 | -103.029 | -106.222 |
| (xxv) | HARYANA | -0.281 | -0.285 | -0.285 | -0.293 |

| S. no. | SOURCE | Availability at Power Plant bus | Availability at Delhi periphery | Allocation made by NRLDC at Power Plant | Allocation Made by NRLDC at Delhi periphery |
|----------|--|---------------------------------|---------------------------------|---|---|
| (xxvi) | BTPS TO MP | -275.359 | -280.367 | -280.367 | -290.830 |
| (xxvii) | POWER EXCHANGE (IEX) | -859.496 | -887.281 | -859.496 | -887.281 |
| (xxviii) | POWER EXCHANGE (PX) | -144.159 | -149.404 | -144.159 | -149.404 |
| xxix) | SHARE PROJECT (HARYANA) | -249.580 | -259.284 | -249.580 | -259.284 |
| (xxx) | POWER EXCHANGE (PUNJAB) | -144.452 | -149.576 | -144.452 | -149.576 |
| L | TOTAL EXPORT | -3977.684 | -4077.962 | -4030.103 | -4188.394 |
| M | NET IMPORT FROM THE GRID | 26755.574 | 25719.497 | 22224.557 | 21148.391 |
| N | OVER DRAWL(+)/UNDER DRAWAL(-) FROM THE GRID | | | | -381.552 |
| | AVAILABILITY FROM THE STATIONS WITHIN DELHI | | | | |
| (I) | RPH | | | | 423.053 |
| (ii) | GT | | | | 936.276 |
| (iii) | PRAGATI | | | | 1846.461 |
| (iv) | RITHALA | | | | 0.000 |
| (v) | BAWANA (CCGT) | | | | 2234.391 |
| (vi) | TOWMCL | | | | 135.529 |
| (vii) | BTPS | | | | 2937.794 |
| O | TOTAL AVAILABILITY WITHIN DELHI | | | | 8513.504 |
| | AVAILABILITY FROM RENEWABLE SOURCES | | | | |
| (I) | RENEWABLE SOLAR (NDPL) | | | | 1.939 |
| (ii) | RENEWABLE SOLAR (BRPL) | | | | 0.804 |
| (iii) | RENEWABLE SOLAR (BYPL) | | | | 0.259 |
| (iv) | RENEWABLE SOLAR (NDMC) | | | | 0.808 |
| P | TOTAL RENEWABLE ENERGY | | | | 3.810 |
| Q | TOTAL AVAILABILITY WITHIN DELHI (O + P) | | | | 8517.314 |
| R | TOTAL CONSUMPTION (M + N + Q) | | | | 29284.153 |
| S | LOAD SHEDDING | | | | 120.231 |
| T | % DEPENDENCE ON GRID | | | | 72.22 |
| U | AUXILIARY CONSUMPTION OF STATIONS WITHIN DELHI | | | | 249.149 |
| V | NET CONSUMPTION OF DTL | | | | 29035.004 |
| W | TOTAL REQUIREMENT | | | | 29155.235 |

9.14 LOAD SHEDDING DETAILS FOR 2014-15

| Month | Number of Under Frequency Trippings | Load shedding due to under Frequency Relay Operation | | | | |
|--------------|-------------------------------------|--|--------------|--------------|--------------|--------------|
| | | BYPL | BRPL | TPDDL | NDMC | Total |
| Apr 2014 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| May 2014 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Jun 2014 | 2 | 0.000 | 0.006 | 0.000 | 0.000 | 0.006 |
| July 2014 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Aug. 2014 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Sept 2014 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Oct. 2014 | 0 | 0.000 | 0.000 | 0.006 | 0.000 | 0.006 |
| Nov. 2014 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Dec. 2014 | 0 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Jan. 2015 | 0 | 0.005 | 0.000 | 0.000 | 0.000 | 0.005 |
| Feb. 2015 | 1 | 0.007 | 0.000 | 0.000 | 0.000 | 0.007 |
| Mar. 2015 | 5 | 0.001 | 0.001 | 0.001 | 0.000 | 0.003 |
| TOTAL | 8 | 0.013 | 0.007 | 0.007 | 0.000 | 0.027 |

| Months | Load Shedding due to Grid Restriction | | | | | | | | |
|--------------|--|---------------|--------------|--------------|--------------|----------------------------|--------------|--------------|--------------|
| | To restrict over drawal at low frequency and low voltage | | | | | Due to TTC / ATC Violation | | | |
| | BYPL | BRPL | TPDDL | NDMC | MES | BYPL | BRPL | TPDDL | NDMC |
| Apr 2014 | 3.021 | 2.837 | 1.219 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| May 2014 | 0.402 | 1.266 | 0.231 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Jun 2014 | 0.424 | 3.019 | 0.200 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| July 2014 | 0.064 | 0.669 | 0.463 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Aug. 2014 | 1.801 | 3.315 | 1.018 | 0.075 | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 |
| Sept 2014 | 1.214 | 3.584 | 0.328 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Oct. 2014 | 0.425 | 1.799 | 0.322 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Nov. 2014 | 0.098 | 0.286 | 0.219 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Dec. 2014 | 0.933 | 3.057 | 0.626 | 0.003 | 0.000 | 0.015 | 0.044 | 0.000 | 0.000 |
| Jan. 2015 | 0.121 | 0.411 | 0.047 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Feb. 2015 | 0.011 | 0.099 | 0.047 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Mar. 2015 | 0.412 | 1.419 | 0.272 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TOTAL | 8.926 | 21.761 | 4.992 | 0.080 | 0.003 | 0.015 | 0.044 | 0.000 | 0.000 |

| Month | Load Shedding due to Transmission Constraints in Central Sector Transmission System | | | | Total | Total Shedding due to Grid Restrictions |
|--------------|---|--------------|--------------|--------------|---------------|---|
| | BYPL | BRPL | TPDDL | NDMC | | |
| Apr 2014 | 0.000 | 0.000 | 0.000 | 0.000 | 7.079 | 7.079 |
| May 2014 | 0.124 | 0.005 | 0.036 | 0.000 | 2.064 | 2.064 |
| Jun 2014 | 1.007 | 0.038 | 0.148 | 0.009 | 4.845 | 4.851 |
| July 2014 | 0.000 | 0.000 | 0.000 | 0.000 | 1.196 | 1.196 |
| Aug. 2014 | 0.000 | 0.000 | 0.000 | 0.000 | 6.212 | 6.212 |
| Sept 2014 | 0.000 | 0.000 | 0.000 | 0.000 | 5.126 | 5.126 |
| Oct. 2014 | 0.000 | 0.000 | 0.000 | 0.000 | 2.546 | 2.552 |
| Nov. 2014 | 0.000 | 0.000 | 0.000 | 0.000 | 0.603 | 0.603 |
| Dec. 2014 | 0.022 | 0.082 | 0.000 | 0.005 | 4.787 | 4.787 |
| Jan. 2015 | 0.000 | 0.000 | 0.000 | 0.000 | 0.579 | 0.584 |
| Feb. 2015 | 0.008 | 0.000 | 0.042 | 0.000 | 0.207 | 0.214 |
| Mar. 2015 | 0.000 | 0.000 | 0.000 | 0.000 | 2.103 | 2.106 |
| TOTAL | 1.161 | 0.125 | 0.226 | 0.014 | 37.347 | 37.374 |

| Month | Load Shedding due to Trippings / Break-downs / Shut-downs / Constraints in DTL System | | | | | Total |
|--------------|---|---------------|--------------|--------------|--------------|---------------|
| | BYPL | BRPL | TPDDL | NDMC | MES | |
| Apr 2014 | 0.108 | 0.332 | 0.075 | 0.048 | 0.000 | 0.563 |
| May 2014 | 4.164 | 7.102 | 3.370 | 0.000 | 0.000 | 14.636 |
| Jun 2014 | 2.762 | 13.987 | 1.797 | 0.071 | 0.000 | 18.617 |
| July 2014 | 2.450 | 2.692 | 0.898 | 0.082 | 0.000 | 6.122 |
| Aug. 2014 | 0.840 | 1.471 | 0.242 | 0.000 | 0.000 | 2.553 |
| Sept 2014 | 0.221 | 0.195 | 0.211 | 0.000 | 0.000 | 0.627 |
| Oct. 2014 | 0.030 | 0.063 | 0.093 | 0.000 | 0.000 | 0.186 |
| Nov. 2014 | 0.051 | 0.033 | 0.008 | 0.000 | 0.000 | 0.092 |
| Dec. 2014 | 0.051 | 0.139 | 0.040 | 0.000 | 0.000 | 0.230 |
| Jan. 2015 | 0.005 | 0.066 | 0.012 | 0.000 | 0.000 | 0.083 |
| Feb. 2015 | 0.001 | 0.015 | 0.002 | 0.000 | 0.000 | 0.018 |
| Mar. 2015 | 0.114 | 0.490 | 0.028 | 0.000 | 0.000 | 0.632 |
| TOTAL | 10.797 | 26.585 | 6.776 | 0.201 | 0.000 | 44.359 |

| Months | Load shedding due to Constraints in Discoms System | | | | Load shedding due to Shut-downs / Break-downs / Trippings in the System of other utilities | | | | |
|--------------|--|---------------|--------------|--------------|--|--------------|--------------|--------------|--------------|
| | BYPL | BRPL | TPDDL | NDMC | BYPL | BRPL | TPDDL | NDMC | Total |
| Apr 2014 | 0.376 | 0.255 | 0.179 | 0.000 | 0.000 | 0.001 | 0.063 | 0.000 | 0.064 |
| May 2014 | 0.868 | 2.392 | 1.599 | 0.000 | 0.780 | 0.137 | 0.043 | 0.000 | 0.960 |
| Jun 2014 | 1.523 | 3.922 | 0.505 | 0.000 | 8.474 | 0.079 | 0.024 | 0.000 | 8.577 |
| July 2014 | 0.787 | 2.499 | 0.237 | 0.000 | 0.039 | 0.022 | 0.021 | 0.000 | 0.082 |
| Aug. 2014 | 0.707 | 1.267 | 0.402 | 0.016 | 0.000 | 0.071 | 0.058 | 0.000 | 0.129 |
| Sept 2014 | 0.222 | 0.930 | 0.140 | 0.000 | 0.000 | 0.000 | 0.011 | 0.000 | 0.011 |
| Oct. 2014 | 0.229 | 0.349 | 0.052 | 0.000 | 0.000 | 0.000 | 0.002 | 0.000 | 0.002 |
| Nov. 2014 | 0.049 | 0.052 | 0.056 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Dec. 2014 | 0.311 | 0.398 | 0.076 | 0.000 | 0.000 | 0.004 | 0.006 | 0.000 | 0.010 |
| Jan. 2015 | 0.116 | 0.239 | 0.039 | 0.010 | 0.001 | 0.007 | 0.008 | 0.000 | 0.016 |
| Feb. 2015 | 0.106 | 0.160 | 0.078 | 0.000 | 0.002 | 0.000 | 0.000 | 0.000 | 0.002 |
| Mar. 2015 | 0.105 | 0.468 | 0.071 | 0.000 | 0.040 | 0.072 | 0.000 | 0.000 | 0.112 |
| TOTAL | 5.399 | 12.931 | 3.434 | 0.026 | 9.336 | 0.393 | 0.236 | 0.000 | 9.965 |

| Month | Load shedding carried out in theft prone areas | | | Total shedding due to T&D Constraints | Total Load Shedding | Net Consumption | Max Demand met in MW | Date | Time in Hrs. |
|--------------|--|--------------|--------------|---------------------------------------|---------------------|------------------|----------------------|-------------------|--------------|
| | BYPL | BRPL | TPDDL | | | | | | |
| Apr 2014 | 0.000 | 0.000 | 0.446 | 1.883 | 8.962 | 2121.946 | 4418 | 30.04.2014 | 16:32:00 |
| May 2014 | 0.000 | 0.000 | 0.036 | 20.491 | 22.555 | 2768.973 | 5338 | 30.05.2014 | 15:41:31 |
| Jun 2014 | 0.000 | 0.000 | 0.000 | 33.144 | 37.995 | 3198.737 | 5533 | 19.06.2014 | 14:46:07 |
| July 2014 | 0.000 | 0.000 | 0.013 | 9.740 | 10.936 | 3309.757 | 5925 | 15.07.2014 | 15:20:20 |
| Aug. 2014 | 0.000 | 0.000 | 0.466 | 5.540 | 11.752 | 3211.821 | 5507 | 27.08.2014 | 22:49:14 |
| Sept 2014 | 0.000 | 0.000 | 0.448 | 2.378 | 7.504 | 2818.883 | 4882 | 18.09.2014 | 22:53:58 |
| Oct. 2014 | 0.000 | 0.000 | 0.206 | 1.024 | 3.576 | 2348.903 | 4570 | 07.10.2014 | 22:59:50 |
| Nov. 2014 | 0.000 | 0.000 | 0.440 | 0.689 | 1.292 | 1744.305 | 3408 | 07.11.2014 | 18:22:27 |
| Dec. 2014 | 0.000 | 0.000 | 0.490 | 1.515 | 6.302 | 1919.578 | 4271 | 26.12.2014 | 18:22:26 |
| Jan. 2015 | 0.000 | 0.000 | 0.341 | 0.844 | 1.428 | 2085.164 | 4405 | 09.01.2015 | 10:22:23 |
| Feb. 2015 | 0.000 | 0.000 | 0.189 | 0.553 | 0.767 | 1687.079 | 3847 | 06.02.2015 | 10:09:58 |
| Mar. 2015 | 0.000 | 0.000 | 0.309 | 1.697 | 3.803 | 1819.858 | 3589 | 26.03.2015 | 19:12:46 |
| TOTAL | 0.000 | 0.000 | 3.384 | 79.498 | 116.872 | 29035.004 | 5925 | 15.07.2014 | 15:20:20 |

| Month | Shedding at the time of Peak Demand | Un-restricted Demand | Maximum Un-restricted Demand in MW | Date | Time | Demand at that Time | Shedding at that time |
|--------------|-------------------------------------|----------------------|------------------------------------|-------------------|-----------------|---------------------|-----------------------|
| Apr 2014 | 0 | 4418 | 4469 | 30.04.2014 | 15:30 | 4277 | 192 |
| May 2014 | 20 | 5358 | 5358 | 30.05.2014 | 15:41:31 | 5338 | 20 |
| Jun 2014 | 155 | 5688 | 5736 | 20.06.2014 | 15:30 | 5459 | 277 |
| July 2014 | 81 | 6006 | 6006 | 15.07.2014 | 15:20:20 | 5925 | 81 |
| Aug. 2014 | 82 | 5589 | 5589 | 27.08.2014 | 22:49:14 | 5507 | 82 |
| Sept 2014 | 0 | 4882 | 4882 | 18.09.2014 | 22:53:58 | 4882 | 0 |
| Oct. 2014 | 0 | 4570 | 4570 | 07.10.2014 | 22:59:50 | 4570 | 0 |
| Nov. 2014 | 0 | 3408 | 3408 | 07.11.2014 | 18:22:27 | 3408 | 0 |
| Dec. 2014 | 0 | 4271 | 4271 | 26.12.2014 | 18:22:26 | 4271 | 0 |
| Jan. 2015 | 44 | 4449 | 4449 | 09.01.2015 | 10:22:23 | 4405 | 44 |
| Feb. 2015 | 0 | 3847 | 3847 | 06.02.2015 | 10:09:58 | 3847 | 0 |
| Mar. 2015 | 0 | 3589 | 3589 | 26.03.2015 | 19:12:46 | 3589 | 0 |
| TOTAL | 81 | 6006 | 6006 | 15:07:2014 | 15:20:20 | 5925 | 81 |

9.15 DEMAND - AVAILABILITY-DEMAND POSITION OF DELHI AT THE TIME OF PEAK DEMAND MET DURING 2014-15

| Month | Date | Time of peak demand | Generation within Delhi | | | | | | | Import from the Grid | Schedule from the Grid | OD (-)/UD (+) | Demand met | Shedding | Un-Restricted Demand | |
|---------|------|---------------------|-------------------------|-----|------|--------|------|---------|--------|----------------------|------------------------|---------------|----------------|----------------|----------------------|----------------|
| | | | RPH | GT | PPCL | Bawana | BTPS | Rithala | TOWMCL | | | | | | | Total |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10)=(3) to (9) | (11) | (12) | (13)=(12)-(11) | (14)=(12)+(13) | (15) | (16)=(14)+(15) |
| Apr 14 | 30 | 16:32:00 | 52 | 136 | 84 | 216 | 238 | 0 | 14 | 740 | 3678 | 3437 | -241 | 4418 | 0 | 4418 |
| May 14 | 30 | 15:41:31 | 89 | 121 | 129 | -3 | 517 | 0 | 16 | 869 | 4469 | 4283 | -186 | 5338 | 20 | 5358 |
| Jun 14 | 19 | 14:46:07 | 92 | 166 | 273 | 456 | 400 | 0 | 16 | 1403 | 4130 | 4170 | 40 | 5533 | 155 | 5688 |
| July 14 | 15 | 15:20:20 | 102 | 176 | 277 | 266 | 573 | 0 | 12 | 1406 | 4519 | 4360 | -159 | 5925 | 81 | 6006 |
| Aug. 14 | 27 | 22:49:14 | 47 | 106 | 287 | 640 | 292 | 0 | 16 | 1388 | 4119 | 4009 | -110 | 5507 | 82 | 5589 |
| Sept 14 | 18 | 22:53:58 | 82 | 149 | 265 | 289 | 312 | 0 | 12 | 1109 | 3773 | 3612 | -161 | 4882 | 0 | 4882 |
| Oct. 14 | 07 | 22:59:50 | 0 | 111 | 294 | 295 | 423 | 0 | 16 | 1139 | 3431 | 3219 | -212 | 4570 | 0 | 4570 |
| Nov. 14 | 07 | 18:22:27 | 0 | 77 | 263 | 311 | 329 | 0 | 2 | 982 | 2426 | 2458 | 32 | 3408 | 0 | 3408 |
| Dec. 14 | 26 | 18:22:26 | 0 | 83 | 304 | 479 | 390 | 0 | 10 | 1266 | 3005 | 3148 | 143 | 4271 | 0 | 4271 |
| Jan. 15 | 09 | 10:22:23 | 38 | 83 | 285 | 575 | 384 | 0 | 0 | 1365 | 3040 | 2871 | -169 | 4405 | 44 | 4449 |
| Feb. 15 | 06 | 10:09:58 | 41 | 119 | 160 | 324 | 166 | 0 | 14 | 824 | 3023 | 2959 | -64 | 3847 | 0 | 3847 |
| Mar. 15 | 26 | 19:12:46 | 46 | 76 | 268 | 301 | 268 | 0 | 17 | 976 | 2613 | 2569 | -44 | 3589 | 0 | 3589 |
| Max | 15 | 15:20:20 | 102 | 176 | 277 | 266 | 573 | 0 | 12 | 1406 | 4519 | 4360 | -159 | 5925 | 81 | 6006 |

9.16 POWER AVAILABILITY- DEMAND POSITION AT THE TIME OF OCCURRENCE OF MAXIMUM UNRESTRICTED DEMAND DURING 2014-15

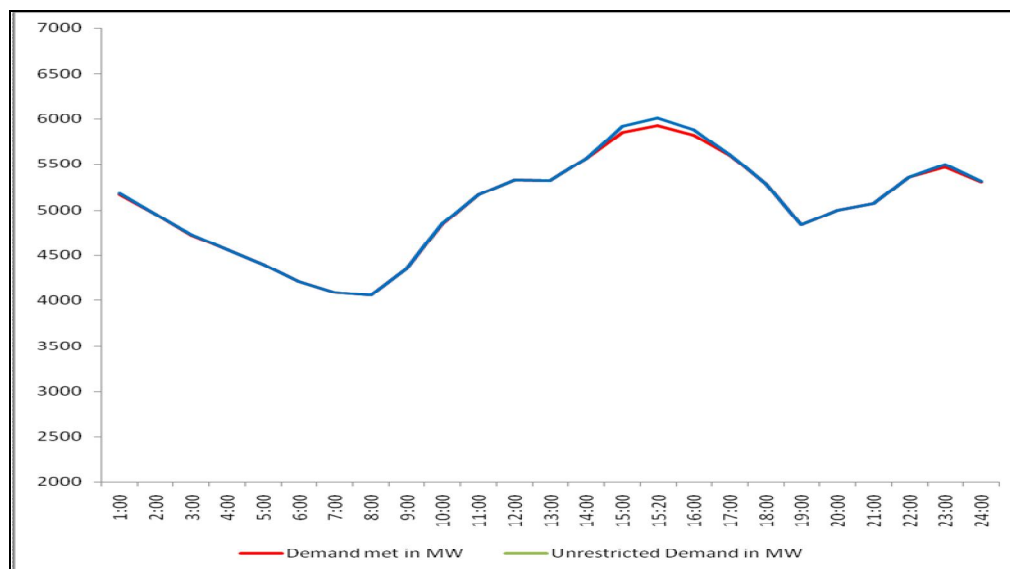
| Month | Date | Time of peak demand | Generation within Delhi | | | | | | | | Import from the Grid | Schedule from the Grid | OD (-)/UD (+) | Demand met | Shedding | Un-Restricted Demand |
|---------|------|---------------------|-------------------------|-----|------|--------|------|---------|--------|------------------|----------------------|------------------------|-------------------|------------------|----------|----------------------|
| | | | RPH | GT | PPCL | Bawana | BTPS | Rithala | TOWMCL | Total | | | | | | |
| | (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9) | (10)= (3) to (9) | (11) | (12) | (13)= (12) - (11) | (14)= (12)+ (13) | (15) | (16)= (14)+ (15) |
| Apr 14 | 30 | 15:30 | 0 | 70 | 142 | 274 | 248 | 0 | 16 | 750 | 3527 | 3430 | -97 | 4277 | 192 | 4469 |
| May 14 | 30 | 15:41:31 | 89 | 121 | 129 | -3 | 517 | 0 | 16 | 869 | 4469 | 4283 | -186 | 5338 | 20 | 5358 |
| Jun 14 | 20 | 15:30 | 71 | 160 | 270 | 475 | 289 | 0 | 10 | 1275 | 4184 | 4170 | -14 | 5459 | 277 | 5736 |
| July 14 | 15 | 15:20:20 | 102 | 176 | 277 | 266 | 573 | 0 | 12 | 1406 | 4519 | 4360 | -159 | 5925 | 81 | 6006 |
| Aug. 14 | 27 | 22:49:14 | 47 | 106 | 287 | 640 | 292 | 0 | 16 | 1388 | 4119 | 4009 | -110 | 5507 | 82 | 5589 |
| Sept 14 | 18 | 22:53:58 | 82 | 149 | 265 | 289 | 312 | 0 | 12 | 1109 | 3773 | 3612 | -161 | 4882 | 0 | 4882 |
| Oct. 14 | 07 | 22:59:50 | 0 | 111 | 294 | 295 | 423 | 0 | 16 | 1139 | 3431 | 3219 | -212 | 4570 | 0 | 4570 |
| Nov. 14 | 07 | 18:22:27 | 0 | 77 | 263 | 311 | 329 | 0 | 2 | 982 | 2426 | 2458 | 32 | 3408 | 0 | 3408 |
| Dec. 14 | 26 | 18:22:26 | 0 | 83 | 304 | 479 | 390 | 0 | 10 | 1266 | 3005 | 3148 | 143 | 4271 | 0 | 4271 |
| Jan. 15 | 09 | 10:22:23 | 38 | 83 | 285 | 575 | 384 | 0 | 0 | 1365 | 3040 | 2871 | -169 | 4405 | 44 | 4449 |
| Feb. 15 | 06 | 10:09:58 | 41 | 119 | 160 | 324 | 166 | 0 | 14 | 824 | 3023 | 2959 | -64 | 3847 | 0 | 3847 |
| Mar. 15 | 26 | 19:12:46 | 46 | 76 | 268 | 301 | 268 | 0 | 17 | 976 | 2613 | 2569 | -44 | 3589 | 0 | 3589 |
| Max | 15 | 15:20:20 | 102 | 176 | 277 | 266 | 573 | 0 | 12 | 1406 | 4519 | 4360 | -159 | 5925 | 81 | 6006 |

9.17 LOAD PATTERN

9.17.1 SUMMER SEASON

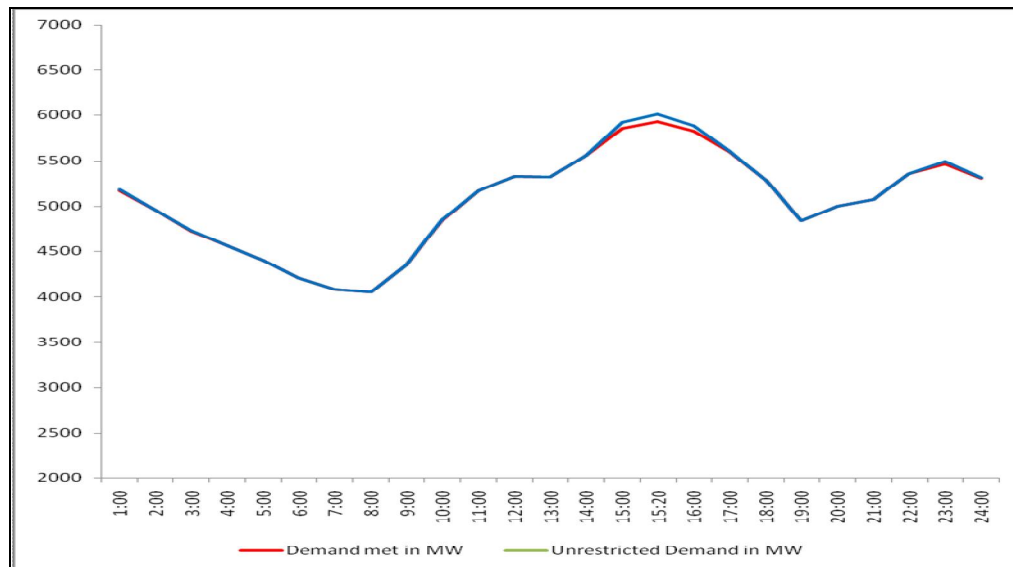
9.17.1.1 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM PEAK DEMAND MET DURING SUMMER 2014-15 - 5925MW at 15:20:20Hrs. on 15.07.2014.

| Time (Hrs). | Demand in MW | Load Shedding in MW | Un-Restricted Demand in MW |
|-----------------|--------------|---------------------|----------------------------|
| 1:00 | 5165 | 13 | 5178 |
| 2:00 | 4953 | 3 | 4956 |
| 3:00 | 4724 | 1 | 4725 |
| 4:00 | 4556 | 0 | 4556 |
| 5:00 | 4399 | 0 | 4399 |
| 6:00 | 4206 | 0 | 4206 |
| 7:00 | 4081 | 0 | 4081 |
| 8:00 | 4054 | 0 | 4054 |
| 9:00 | 4350 | 0 | 4350 |
| 10:00 | 4843 | 11 | 4854 |
| 11:00 | 5165 | 0 | 5165 |
| 12:00 | 5327 | 0 | 5327 |
| 13:00 | 5323 | 0 | 5323 |
| 14:00 | 5564 | 0 | 5564 |
| 15:00 | 5853 | 66 | 5919 |
| 15:20:20 | 5925 | 81 | 6006 |
| 16:00 | 5825 | 55 | 5880 |
| 17:00 | 5597 | 7 | 5604 |
| 18:00 | 5281 | 0 | 5281 |
| 19:00 | 4837 | 0 | 4837 |
| 20:00 | 4999 | 0 | 4999 |
| 21:00 | 5071 | 2 | 5073 |
| 22:00 | 5355 | 4 | 5359 |
| 23:00 | 5469 | 28 | 5497 |
| 24:00 | 5305 | 11 | 5316 |
| Energy in Mus | 117.086 | 0.2602 | 117.3462 |



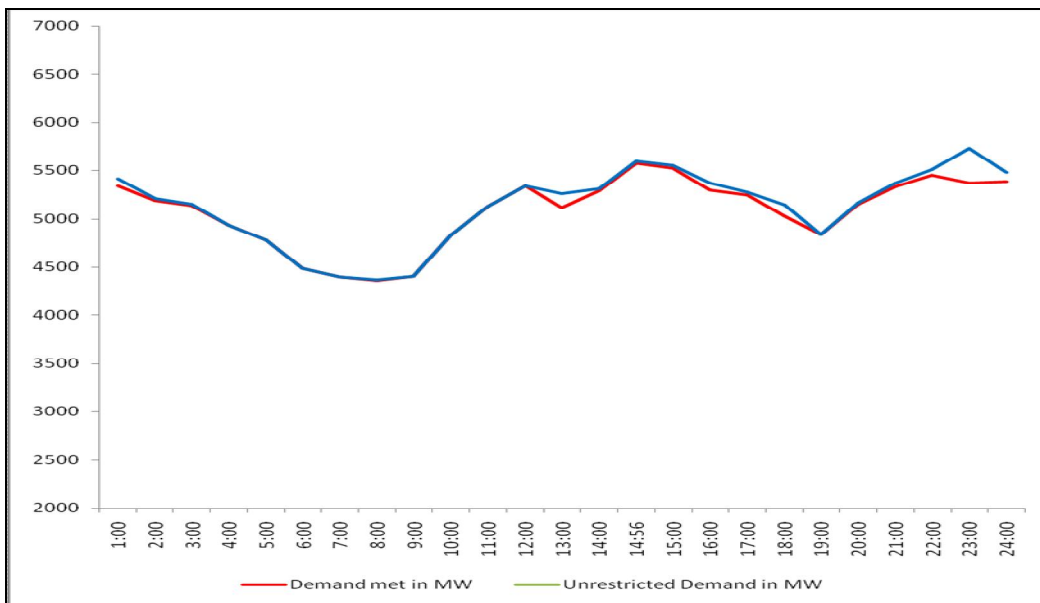
9.17.1.2 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED DEMAND DURING SUMMER 2014-15 - 6006MW at 15:20:20Hrs. on 15.07.2014.

| Time (Hrs). | Demand in MW | Load Shedding in MW | Un-Restricted Demand in MW |
|-----------------|--------------|---------------------|----------------------------|
| 1:00 | 5165 | 13 | 5178 |
| 2:00 | 4953 | 3 | 4956 |
| 3:00 | 4724 | 1 | 4725 |
| 4:00 | 4556 | 0 | 4556 |
| 5:00 | 4399 | 0 | 4399 |
| 6:00 | 4206 | 0 | 4206 |
| 7:00 | 4081 | 0 | 4081 |
| 8:00 | 4054 | 0 | 4054 |
| 9:00 | 4350 | 0 | 4350 |
| 10:00 | 4843 | 11 | 4854 |
| 11:00 | 5165 | 0 | 5165 |
| 12:00 | 5327 | 0 | 5327 |
| 13:00 | 5323 | 0 | 5323 |
| 14:00 | 5564 | 0 | 5564 |
| 15:00 | 5853 | 66 | 5919 |
| 15:20:20 | 5925 | 81 | 6006 |
| 16:00 | 5825 | 55 | 5880 |
| 17:00 | 5597 | 7 | 5604 |
| 18:00 | 5281 | 0 | 5281 |
| 19:00 | 4837 | 0 | 4837 |
| 20:00 | 4999 | 0 | 4999 |
| 21:00 | 5071 | 2 | 5073 |
| 22:00 | 5355 | 4 | 5359 |
| 23:00 | 5469 | 28 | 5497 |
| 24:00 | 5305 | 11 | 5316 |
| Energy in Mus | 117.086 | 0.2602 | 117.3462 |



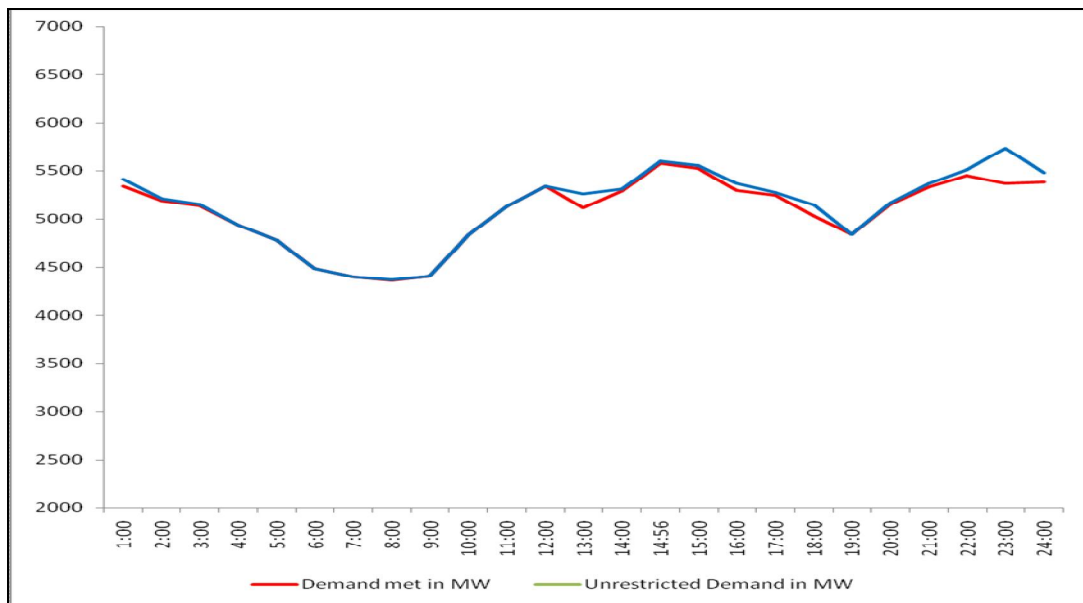
9.17.1.3 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING SUMMER 2014-15 – 121.410MU on 12.07.2014.

| Time (Hrs). | Demand in MW | Load Shedding in MW | Un-Restricted Demand in MW |
|---------------|----------------|---------------------|----------------------------|
| 1:00 | 5345 | 67 | 5412 |
| 2:00 | 5191 | 22 | 5213 |
| 3:00 | 5137 | 16 | 5153 |
| 4:00 | 4929 | 2 | 4931 |
| 5:00 | 4776 | 0 | 4776 |
| 6:00 | 4489 | 0 | 4489 |
| 7:00 | 4400 | 2 | 4402 |
| 8:00 | 4361 | 5 | 4366 |
| 9:00 | 4405 | 0 | 4405 |
| 10:00 | 4832 | 0 | 4832 |
| 11:00 | 5129 | 3 | 5132 |
| 12:00 | 5343 | 2 | 5345 |
| 13:00 | 5114 | 149 | 5263 |
| 14:00 | 5294 | 20 | 5314 |
| 14:56 | 5572 | 28 | 5600 |
| 15:00 | 5523 | 28 | 5551 |
| 16:00 | 5299 | 69 | 5368 |
| 17:00 | 5246 | 29 | 5275 |
| 18:00 | 5031 | 116 | 5147 |
| 19:00 | 4834 | 4 | 4838 |
| 20:00 | 5154 | 10 | 5164 |
| 21:00 | 5331 | 37 | 5368 |
| 22:00 | 5451 | 58 | 5509 |
| 23:00 | 5373 | 357 | 5730 |
| 24:00 | 5382 | 102 | 5484 |
| Energy in Mus | 121.410 | 1.1482 | 122.558 |



9.17.1.4 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING SUMMER 2014-15 – 122.558MUs on 12.07.2014

| Time (Hrs). | Demand in MW | Load Shedding in MW | Un-Restricted Demand in MW |
|---------------|----------------|---------------------|----------------------------|
| 1:00 | 5345 | 67 | 5412 |
| 2:00 | 5191 | 22 | 5213 |
| 3:00 | 5137 | 16 | 5153 |
| 4:00 | 4929 | 2 | 4931 |
| 5:00 | 4776 | 0 | 4776 |
| 6:00 | 4489 | 0 | 4489 |
| 7:00 | 4400 | 2 | 4402 |
| 8:00 | 4361 | 5 | 4366 |
| 9:00 | 4405 | 0 | 4405 |
| 10:00 | 4832 | 0 | 4832 |
| 11:00 | 5129 | 3 | 5132 |
| 12:00 | 5343 | 2 | 5345 |
| 13:00 | 5114 | 149 | 5263 |
| 14:00 | 5294 | 20 | 5314 |
| 14:56 | 5572 | 28 | 5600 |
| 15:00 | 5523 | 28 | 5551 |
| 16:00 | 5299 | 69 | 5368 |
| 17:00 | 5246 | 29 | 5275 |
| 18:00 | 5031 | 116 | 5147 |
| 19:00 | 4834 | 4 | 4838 |
| 20:00 | 5154 | 10 | 5164 |
| 21:00 | 5331 | 37 | 5368 |
| 22:00 | 5451 | 58 | 5509 |
| 23:00 | 5373 | 357 | 5730 |
| 24:00 | 5382 | 102 | 5484 |
| Energy in Mus | 121.410 | 1.1482 | 122.558 |

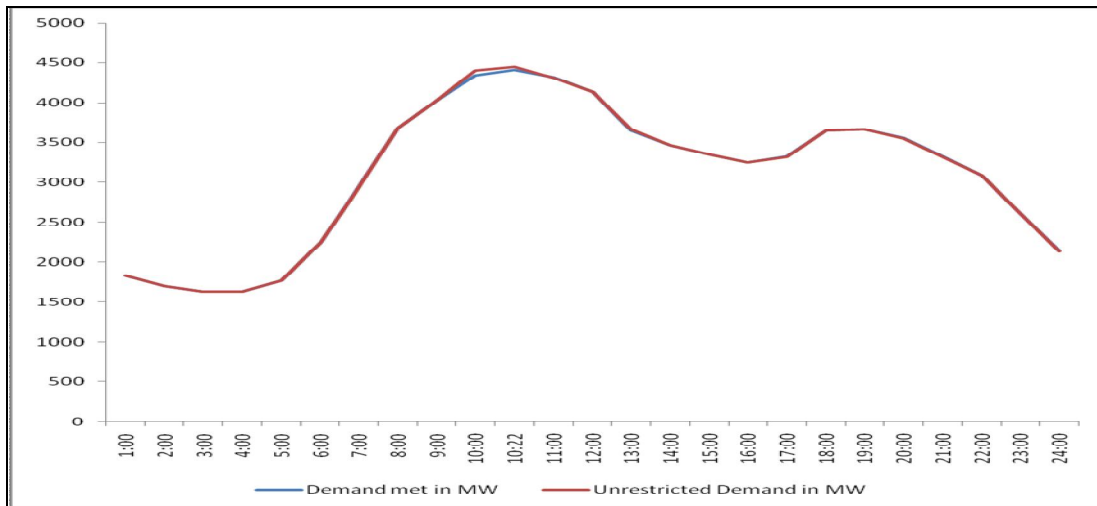


9.17.2 WINTER LOAD PATTERN

9.17.2.1 LOAD PATTERN OF DELHI ON THE DAY OF PEAK DEMAND MET DURING WINTER 2014-15 – 4405 MW at 10:22:23Hrs. on 09.01.2015

All figures in MW

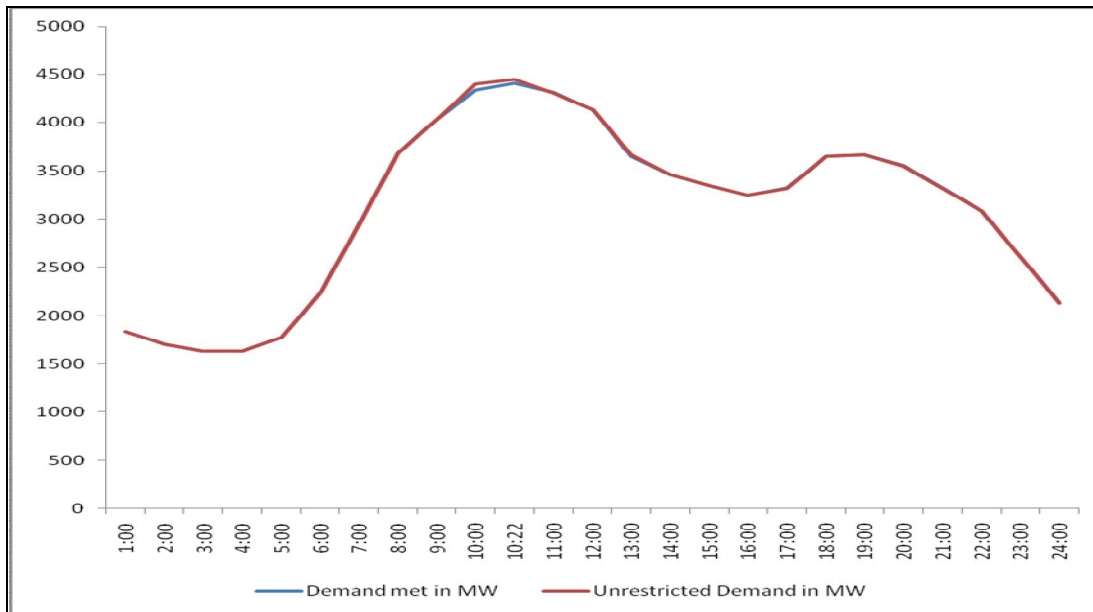
| Hrs. | Demand | Load Shedding | Un-Restricted Demand |
|---------------|-------------|---------------|----------------------|
| 1:00 | 1831 | 0 | 1831 |
| 2:00 | 1696 | 0 | 1696 |
| 3:00 | 1629 | 0 | 1629 |
| 4:00 | 1631 | 0 | 1631 |
| 5:00 | 1770 | 0 | 1770 |
| 6:00 | 2237 | 0 | 2237 |
| 7:00 | 2937 | 0 | 2937 |
| 8:00 | 3679 | 1 | 3680 |
| 9:00 | 4034 | 0 | 4034 |
| 10:00 | 4331 | 75 | 4406 |
| 10:22:23 | 4405 | 44 | 4449 |
| 11:00 | 4312 | 0 | 4312 |
| 12:00 | 4134 | 0 | 4134 |
| 13:00 | 3647 | 17 | 3664 |
| 14:00 | 3461 | 0 | 3461 |
| 15:00 | 3347 | 0 | 3347 |
| 16:00 | 3244 | 0 | 3244 |
| 17:00 | 3318 | 0 | 3318 |
| 18:00 | 3651 | 0 | 3651 |
| 19:00 | 3666 | 0 | 3666 |
| 20:00 | 3554 | 0 | 3554 |
| 21:00 | 3318 | 0 | 3318 |
| 22:00 | 3079 | 0 | 3079 |
| 23:00 | 2608 | 3 | 2611 |
| 24:00 | 2132 | 0 | 2132 |
| Energy in Mus | 72.763 | 0.074 | 72.837 |



**9.17.2.2 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UN-RESTRICTED DEMAND
WINTER 2014-15 - 4449 MW at 10:23:23hrs. on 09.01.2015**

All figures in MW

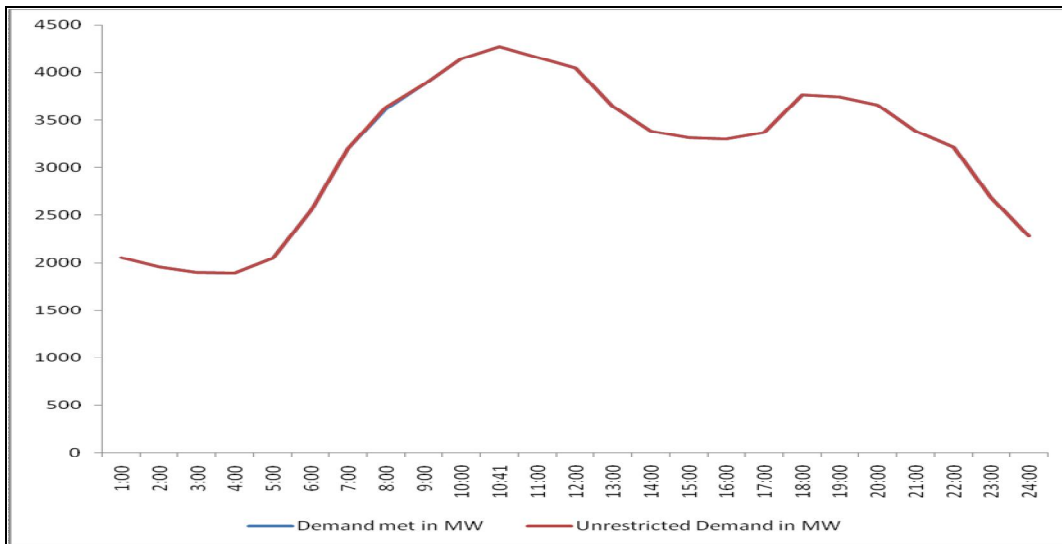
| Hrs. | Demand | Load Shedding | Un-Restricted Demand |
|---------------|--------|---------------|----------------------|
| 1:00 | 1831 | 0 | 1831 |
| 2:00 | 1696 | 0 | 1696 |
| 3:00 | 1629 | 0 | 1629 |
| 4:00 | 1631 | 0 | 1631 |
| 5:00 | 1770 | 0 | 1770 |
| 6:00 | 2237 | 0 | 2237 |
| 7:00 | 2937 | 0 | 2937 |
| 8:00 | 3679 | 1 | 3680 |
| 9:00 | 4034 | 0 | 4034 |
| 10:00 | 4331 | 75 | 4406 |
| 10:22:23 | 4405 | 44 | 4449 |
| 11:00 | 4312 | 0 | 4312 |
| 12:00 | 4134 | 0 | 4134 |
| 13:00 | 3647 | 17 | 3664 |
| 14:00 | 3461 | 0 | 3461 |
| 15:00 | 3347 | 0 | 3347 |
| 16:00 | 3244 | 0 | 3244 |
| 17:00 | 3318 | 0 | 3318 |
| 18:00 | 3651 | 0 | 3651 |
| 19:00 | 3666 | 0 | 3666 |
| 20:00 | 3554 | 0 | 3554 |
| 21:00 | 3318 | 0 | 3318 |
| 22:00 | 3079 | 0 | 3079 |
| 23:00 | 2608 | 3 | 2611 |
| 24:00 | 2132 | 0 | 2132 |
| Energy in Mus | 72.763 | 0.074 | 72.837 |



9.17.2.3 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM ENERGY CONSUMED DURING WINTER 2014-15 – 73.053MUs ON 26.12.2014

All figures in MW

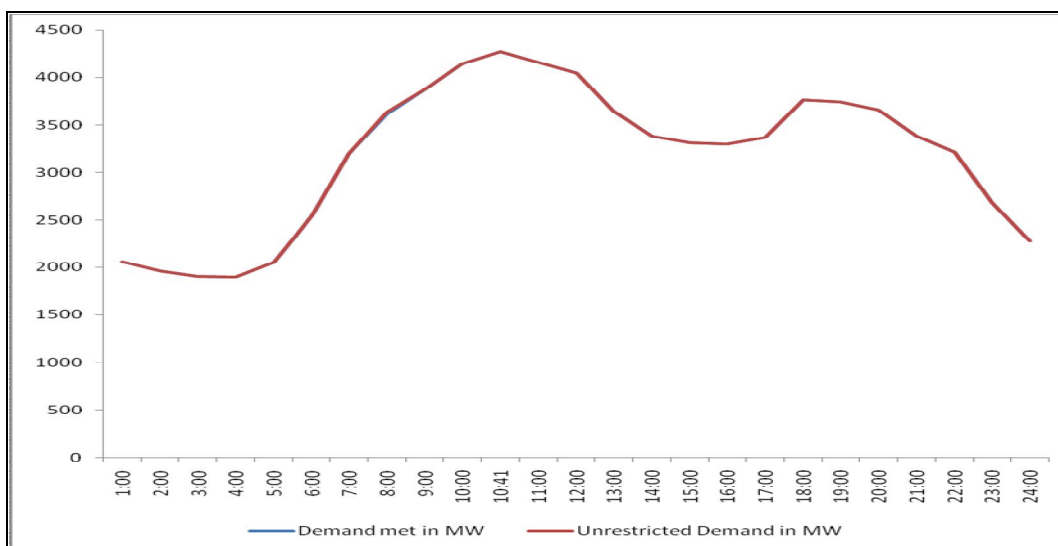
| Hrs. | Demand | Load Shedding | Un-Restricted Demand |
|---------------|---------------|---------------|----------------------|
| 1:00 | 2058 | 0 | 2058 |
| 2:00 | 1957 | 0 | 1957 |
| 3:00 | 1902 | 0 | 1902 |
| 4:00 | 1896 | 0 | 1896 |
| 5:00 | 2050 | 0 | 2050 |
| 6:00 | 2546 | 0 | 2546 |
| 7:00 | 3200 | 1 | 3201 |
| 8:00 | 3616 | 21 | 3637 |
| 9:00 | 3879 | 0 | 3879 |
| 10:00 | 4147 | 0 | 4147 |
| 10:41 | 4271 | 0 | 4271 |
| 11:00 | 4160 | 0 | 4160 |
| 12:00 | 4044 | 0 | 4044 |
| 13:00 | 3649 | 0 | 3649 |
| 14:00 | 3383 | 0 | 3383 |
| 15:00 | 3313 | 0 | 3313 |
| 16:00 | 3303 | 0 | 3303 |
| 17:00 | 3370 | 0 | 3370 |
| 18:00 | 3767 | 0 | 3767 |
| 19:00 | 3746 | 0 | 3746 |
| 20:00 | 3658 | 0 | 3658 |
| 21:00 | 3386 | 0 | 3386 |
| 22:00 | 3218 | 0 | 3218 |
| 23:00 | 2689 | 0 | 2689 |
| 24:00 | 2284 | 0 | 2284 |
| Energy in Mus | 73.053 | 0.036 | 73.089 |



9.17.2.4 LOAD PATTERN OF DELHI ON THE DAY OF MAXIMUM UNRESTRICTED ENERGY DEMAND DURING WINTER 2014-15 – 73.089MUs ON 26.12.2014.

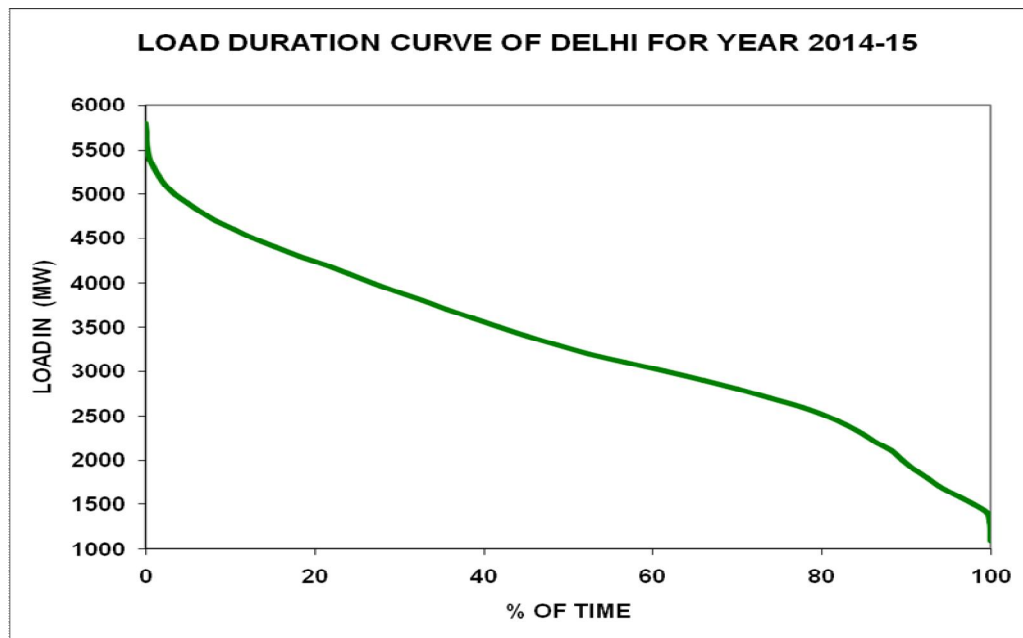
All figures in MW

| Hrs. | Demand met | Load Shedding | Un-Restricted Demand |
|---------------|------------|---------------|----------------------|
| 1:00 | 2058 | 0 | 2058 |
| 2:00 | 1957 | 0 | 1957 |
| 3:00 | 1902 | 0 | 1902 |
| 4:00 | 1896 | 0 | 1896 |
| 5:00 | 2050 | 0 | 2050 |
| 6:00 | 2546 | 0 | 2546 |
| 7:00 | 3200 | 1 | 3201 |
| 8:00 | 3616 | 21 | 3637 |
| 9:00 | 3879 | 0 | 3879 |
| 10:00 | 4147 | 0 | 4147 |
| 10:41 | 4271 | 0 | 4271 |
| 11:00 | 4160 | 0 | 4160 |
| 12:00 | 4044 | 0 | 4044 |
| 13:00 | 3649 | 0 | 3649 |
| 14:00 | 3383 | 0 | 3383 |
| 15:00 | 3313 | 0 | 3313 |
| 16:00 | 3303 | 0 | 3303 |
| 17:00 | 3370 | 0 | 3370 |
| 18:00 | 3767 | 0 | 3767 |
| 19:00 | 3746 | 0 | 3746 |
| 20:00 | 3658 | 0 | 3658 |
| 21:00 | 3386 | 0 | 3386 |
| 22:00 | 3218 | 0 | 3218 |
| 23:00 | 2689 | 0 | 2689 |
| 24:00 | 2284 | 0 | 2284 |
| Energy in Mus | 73.053 | 0.036 | 73.089 |



9.18 LOAD DURATION CURVE FOR 2014-15 (Based on SCADA)

| LOAD REMAINED ABOVE IN MW | (%) OF TIME | LOAD REMAINED ABOVE IN MW | (%) OF TIME |
|----------------------------------|--------------------|----------------------------------|--------------------|
| Above 5900MW | 0.00 | Above 3400 MW | 45.13 |
| Above 5800MW | 0.01 | Above 3300 MW | 48.68 |
| Above 5700 MW | 0.05 | Above 3200 MW | 52.43 |
| Above 5600 MW | 0.09 | Above 3100 MW | 56.68 |
| Above 5500 MW | 0.19 | Above 3000 MW | 61.37 |
| Above 5400 MW | 0.45 | Above 2900 MW | 65.97 |
| Above 5300 MW | 0.91 | Above 2800 MW | 69.96 |
| Above 5200 MW | 1.52 | Above 2700 MW | 73.80 |
| Above 5100 MW | 2.35 | Above 2600 MW | 77.72 |
| Above 5000 MW | 3.49 | Above 2500 MW | 80.68 |
| Above 4900 MW | 4.90 | Above 2400 MW | 82.80 |
| Above 4800 MW | 6.54 | Above 2300 MW | 84.73 |
| Above 4700 MW | 8.32 | Above 2200 MW | 86.44 |
| Above 4600 MW | 10.36 | Above 2100 MW | 88.24 |
| Above 4500 MW | 12.67 | Above 2000 MW | 89.51 |
| Above 4400 MW | 15.42 | Above 1900 MW | 90.93 |
| Above 4300 MW | 18.24 | Above 1800 MW | 92.43 |
| Above 4200 MW | 21.22 | Above 1700 MW | 93.87 |
| Above 4100 MW | 24.09 | Above 1600 MW | 95.81 |
| Above 4000 MW | 26.91 | Above 1500 MW | 97.95 |
| Above 3900 MW | 29.71 | Above 1400 MW | 99.51 |
| Above 3800 MW | 32.84 | Above 1300 MW | 99.87 |
| Above 3700 MW | 35.69 | Above 1200 MW | 99.95 |
| Above 3600 MW | 38.80 | Above 1100 MW | 99.99 |
| Above 3500 MW | 41.74 | Above 1000 MW | 100.00 |



10 FREQUENCY SPECTRUM OF NORTHERN REGION [(NORTH-EAST-WEST)(NEW)] FOR 2014-15

| Month | Frequency in Hz. | | | Frequency Variation in (FVI) | Percentage of Time | | | | | | | |
|----------------|------------------|--------------|--------------|------------------------------|--------------------|----------------|---------------------|--------------------------|--------------|---------------|---------------|---------------|
| | Ave. | Max | Min. | | Above 50.20Hz | Above 50.10 Hz | Between 50.10-50.05 | Between 50.05 - 49.90 Hz | Below 50.0Hz | Below 49.9 Hz | Below 49.8 Hz | Below 49.7 Hz |
| Apr 14 | 49.95 | 50.42 | 49.49 | 0.14 | 0.67 | 6.45 | 10.62 | 51.34 | 67.06 | 31.64 | 8.61 | 1.26 |
| May 14 | 49.98 | 50.55 | 49.41 | 0.14 | 2.55 | 10.50 | 13.11 | 52.52 | 57.54 | 23.87 | 6.59 | 1.10 |
| Jun 14 | 49.93 | 50.67 | 49.32 | 0.90 | 1.38 | 6.23 | 10.17 | 45.37 | 66.71 | 36.76 | 16.83 | 4.86 |
| July 14 | 49.93 | 50.36 | 49.41 | 0.18 | 0.65 | 4.58 | 9.61 | 49.99 | 69.13 | 35.32 | 13.46 | 3.52 |
| Aug. 14 | 49.92 | 50.34 | 49.36 | 0.29 | 0.50 | 3.35 | 8.37 | 48.33 | 72.42 | 39.48 | 15.47 | 3.59 |
| Sept 14 | 49.95 | 50.37 | 49.34 | 0.33 | 0.51 | 4.42 | 12.69 | 54.19 | 65.35 | 28.71 | 8.22 | 1.59 |
| Oct. 14 | 49.97 | 50.48 | 49.53 | 0.13 | 0.91 | 7.93 | 13.47 | 53.65 | 58.56 | 24.96 | 7.48 | 1.14 |
| Nov. 14 | 50.00 | 50.42 | 49.58 | 0.10 | 2.12 | 11.74 | 17.64 | 53.97 | 47.52 | 15.26 | 3.02 | 0.33 |
| Dec. 14 | 49.98 | 50.58 | 49.54 | 0.23 | 3.05 | 11.52 | 14.41 | 48.43 | 53.70 | 23.01 | 6.41 | 0.93 |
| Jan. 15 | 50.00 | 50.56 | 49.55 | 0.12 | 3.38 | 9.97 | 15.07 | 56.71 | 50.33 | 18.25 | 5.83 | 0.59 |
| Feb. 15 | 50.00 | 50.55 | 49.58 | 0.08 | 1.58 | 9.31 | 17.11 | 60.09 | 48.40 | 12.12 | 2.20 | 0.18 |
| Mar. 15 | 49.99 | 50.54 | 49.52 | 0.09 | 1.79 | 8.37 | 14.87 | 60.67 | 52.08 | 16.09 | 2.79 | 0.42 |
| 2014-15 | 49.97 | 50.67 | 49.32 | 0.23 | 1.60 | 7.86 | 13.06 | 52.90 | 59.13 | 25.54 | 8.11 | 1.63 |

11 DETAILS OF UNDER FREQUENCY RELAY TRIPPINGS OCCURRED IN 2014-15

| MONTH | STAGE-1 | STAGE-2 | df/dt | TOTAL |
|----------------------|----------|----------|----------|----------|
| APRIL 2014 | 0 | 0 | 0 | 0 |
| MAY 2014 | 0 | 0 | 0 | 0 |
| JUNE 2014 | 0 | 0 | 2 | 2 |
| JULY 2014 | 0 | 0 | 0 | 0 |
| AUGUST 2014 | 0 | 0 | 0 | 0 |
| SEPTEMBER 2014 | 0 | 0 | 0 | 0 |
| OCTOBER 2014 | 0 | 0 | 0 | 0 |
| NOVEMBER 2014 | 0 | 0 | 0 | 0 |
| DECEMBER 2014 | 0 | 0 | 0 | 0 |
| JANUARY 2015 | 0 | 0 | 0 | 0 |
| FEBRUARY 2015 | 0 | 0 | 1 | 1 |
| MARCH 2015 | 0 | 0 | 5 | 5 |
| TOTAL 2014-15 | 0 | 0 | 8 | 8 |

12 INTRASTATE TRANSMISSION LOSSES

12.1 WEEK WISE INTRASTATE TRANSMISSION LOSSES FOR 2014-15 (Based on SEM data)

| Week No. | Avg Trans. Loss in %age | Actual drawal from the grid in Mus | Actual Ex-bus generation with in Delhi in Mus | | | | | Total |
|----------|-------------------------|------------------------------------|---|----------|----------|----------|----------|-----------------|
| | | | RPH | GT | PRAGATI | BTPS | Bawana | |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9)=sum(4 to 8) |
| 1 | 1.22 | 284.9155 | -0.12368 | 11.01447 | 39.0292 | 44.8284 | -0.51836 | 94.23003 |
| 2 | 1.34 | 360.2872 | -0.19785 | 12.83917 | 28.56168 | 52.17551 | -0.61309 | 92.76542 |
| 3 | 1.07 | 380.6517 | 11.37069 | 18.05067 | 18.8147 | 52.0045 | -0.62579 | 99.61477 |
| 4 | 1.26 | 416.4949 | 17.36684 | 22.15694 | 15.56322 | 60.841 | -0.53944 | 115.3886 |
| 5 | 1.16 | 488.9881 | 7.851018 | 23.85327 | 15.0894 | 62.23284 | 25.90627 | 134.9328 |
| 6 | 1.13 | 468.5816 | 13.62053 | 18.73204 | 16.07573 | 84.31146 | 20.65365 | 153.3934 |
| 7 | 1.01 | 449.2731 | 10.56401 | 18.12942 | 16.14985 | 71.06965 | -0.31085 | 115.6021 |
| 8 | 1.09 | 506.4742 | 15.31062 | 19.93117 | 22.9484 | 79.79494 | 3.601884 | 141.587 |
| 9 | 1.07 | 522.4482 | 13.94865 | 21.19847 | 23.66348 | 70.66306 | -0.61388 | 128.8598 |
| 10 | 1.02 | 553.5391 | 14.3518 | 19.46573 | 23.25413 | 92.77406 | 24.69299 | 174.5387 |
| 11 | 1.10 | 530.8645 | 15.76113 | 24.80005 | 23.41105 | 92.34792 | 34.41788 | 190.738 |
| 12 | 1.07 | 574.1106 | 15.10646 | 26.11521 | 33.18511 | 82.61254 | 49.14974 | 206.1691 |
| 13 | 1.17 | 539.9962 | 15.18164 | 18.87716 | 45.47721 | 91.6224 | 42.54416 | 213.7026 |
| 14 | 1.15 | 508.4866 | 10.79257 | 22.02157 | 48.08725 | 90.54706 | 45.0563 | 216.5047 |
| 15 | 1.13 | 581.3456 | 8.603051 | 27.90583 | 47.50821 | 88.30135 | 47.20254 | 219.521 |
| 16 | 1.16 | 541.1222 | 11.95705 | 24.84677 | 47.87572 | 88.16503 | 25.57985 | 198.4244 |
| 17 | 1.04 | 513.8473 | 14.16104 | 26.7085 | 46.72844 | 75.08866 | 46.53408 | 209.2207 |
| 18 | 0.88 | 524.8357 | 14.69076 | 16.69826 | 47.45829 | 62.24291 | 48.88607 | 189.9763 |
| 19 | 0.80 | 537.0993 | 9.803104 | 13.09325 | 46.00027 | 62.73797 | 40.16242 | 171.797 |
| 20 | 0.75 | 512.0333 | 7.152809 | 12.18785 | 42.05757 | 64.73951 | 44.05738 | 170.1951 |
| 21 | 0.68 | 546.2486 | 8.465362 | 16.36179 | 47.607 | 61.90349 | 69.99812 | 204.3358 |
| 22 | 0.65 | 546.1153 | 9.879924 | 20.20485 | 47.49731 | 40.10192 | 76.39288 | 194.0769 |
| 23 | 1.02 | 453.6603 | 14.80704 | 11.92653 | 46.74293 | 49.51099 | 43.65773 | 166.6452 |
| 24 | 0.79 | 489.0723 | 9.677075 | 21.07184 | 47.63431 | 34.04274 | 46.75386 | 159.1798 |
| 25 | 0.75 | 497.4649 | 9.182112 | 22.496 | 47.11433 | 54.50312 | 46.6596 | 179.9552 |
| 26 | 0.72 | 480.0447 | 9.216871 | 17.56043 | 46.59469 | 55.202 | 51.83156 | 180.4056 |
| 27 | 0.71 | 445.7111 | 1.640436 | 17.77767 | 47.14193 | 68.96081 | 48.74803 | 184.2689 |

| Week No. | Avg Trans. Loss in %age | Actual drawal from the grid in Mus | Actual Ex-bus generation with in Delhi in Mus | | | | | |
|----------------------|-------------------------|------------------------------------|---|------------|-------------|-------------|-------------|-----------------|
| | | | RPH | GT | PRAGATI | BTPS | Bawana | Total |
| (1) | (2) | (3) | (4) | (5) | (6) | (7) | (8) | (9)=sum(4 to 8) |
| 28 | 0.80 | 399.7655 | -0.17193 | 18.41752 | 47.51798 | 70.35112 | 69.69712 | 205.8118 |
| 29 | 0.73 | 296.7249 | -0.12907 | 14.4736 | 45.75604 | 63.45956 | 77.55114 | 201.1113 |
| 30 | 0.61 | 284.0922 | -0.12141 | 12.91094 | 45.30821 | 61.24991 | 49.9497 | 169.2973 |
| 31 | 0.68 | 288.6345 | -0.09777 | 12.94764 | 45.07874 | 53.80452 | 48.75265 | 160.4858 |
| 32 | 0.65 | 261.8319 | -0.09671 | 12.98239 | 44.85318 | 56.87932 | 49.88557 | 164.5037 |
| 33 | 0.62 | 260.0645 | -0.11281 | 13.17751 | 27.92957 | 53.4723 | 49.07152 | 143.5381 |
| 34 | 0.75 | 253.0696 | -0.09085 | 13.45045 | 25.29265 | 55.23095 | 50.60815 | 144.4913 |
| 35 | 0.50 | 263.1878 | -0.09325 | 13.30851 | 25.50455 | 46.84517 | 51.79181 | 137.3568 |
| 36 | 0.68 | 271.976 | -0.11703 | 13.37503 | 24.78991 | 38.95622 | 50.24478 | 127.2489 |
| 37 | 0.70 | 275.7775 | -0.09763 | 13.39419 | 25.8476 | 37.07607 | 49.87612 | 126.0964 |
| 38 | 1.00 | 304.9628 | -0.11052 | 11.87803 | 26.35872 | 38.82995 | 48.49192 | 125.4481 |
| 39 | 0.91 | 309.0411 | -0.12856 | 13.55181 | 44.28961 | 47.22439 | 60.35773 | 165.295 |
| 40 | 0.95 | 296.5012 | 1.645695 | 13.3757 | 47.27177 | 56.47882 | 50.01975 | 168.7917 |
| 41 | 0.92 | 291.6631 | 6.338189 | 14.13233 | 46.06208 | 55.40736 | 62.77381 | 184.7138 |
| 42 | 1.27 | 332.7816 | 6.743127 | 26.62281 | 1.904268 | 57.75329 | 51.99189 | 145.0154 |
| 43 | 1.21 | 324.5634 | 5.670518 | 26.44242 | 23.49691 | 48.33496 | 40.32987 | 144.2747 |
| 44 | 1.25 | 301.2032 | 5.236525 | 22.10604 | 45.27197 | 28.67286 | 44.70564 | 145.993 |
| 45 | 1.23 | 301.5039 | 6.279923 | 17.66572 | 28.35548 | 26.94935 | 47.87219 | 127.1227 |
| 46 | 0.96 | 294.6257 | 5.198297 | 12.8628 | 26.81272 | 27.05054 | 49.46751 | 121.3919 |
| 47 | 0.99 | 290.3189 | 5.15731 | 12.96271 | 26.36514 | 26.98874 | 45.69406 | 117.168 |
| 48 | 0.98 | 283.0089 | 5.935862 | 13.15214 | 26.47614 | 26.88385 | 48.60112 | 121.0491 |
| 49 | 1.08 | 281.0841 | 0.171894 | 11.64349 | 24.33614 | 26.6273 | 26.14661 | 88.92544 |
| 50 | 1.01 | 276.574 | 4.437596 | 13.44078 | 26.66264 | 27.25476 | 46.28908 | 118.0848 |
| 51 | 0.80 | 291.474 | 6.506709 | 13.25247 | 25.96482 | 20.77849 | 47.37702 | 113.8795 |
| 52 | 0.83 | 319.5011 | 7.478103 | 12.92231 | 37.04702 | 36.67397 | 45.42958 | 139.551 |
| 53 | 0.83 | 89.56294 | 2.038077 | 3.787081 | 7.41932 | 10.17105 | 14.32952 | 37.74505 |
| Total 2013-14 | 0.95 | 20697.206278 | 357.611363 | 904.261308 | 1799.244600 | 2933.358826 | 2156.571481 | 8150.419382 |

| Week | Total Consumption of Delhi at DTL periphery in Mus | Actual drawal of distribution licensees and deemed licensees in MUs | | | | | | | Transmission losses in | |
|------|--|---|-----------|-----------|----------|---------|----------|------------------------------------|------------------------|------------------|
| | | TPDDL | BRPL | BYPL | NDMC | MES | IP | Total | in Mus | in % |
| (1) | (10)=(3)+(9) | (11) | (12) | (13) | (14) | (15) | (16) | (17)=(11)+(12)+(13)+(14)+(15)+(17) | (18)=(10)-(17) | (19)=(18)*100/10 |
| 1 | 379.14552 | 114.67050 | 150.91566 | 88.30470 | 18.71738 | 2.99724 | 0.00418 | 375.60965 | 3.53587 | 0.93 |
| 2 | 453.05259 | 135.31698 | 183.64769 | 106.15452 | 21.43273 | 3.49137 | 0.00418 | 450.04747 | 3.00511 | 0.66 |
| 3 | 480.26645 | 143.84748 | 194.79134 | 112.60815 | 22.24018 | 3.55089 | 0.00418 | 477.04221 | 3.22424 | 0.67 |
| 4 | 531.88344 | 156.19492 | 217.90687 | 124.54278 | 26.13852 | 4.10642 | 0.00418 | 528.89370 | 2.98975 | 0.56 |
| 5 | 623.92090 | 178.00316 | 260.42106 | 146.43577 | 30.74884 | 4.69582 | 0.00418 | 620.30884 | 3.61206 | 0.58 |
| 6 | 621.97501 | 176.23425 | 260.41671 | 146.44472 | 30.51038 | 4.63866 | -0.00418 | 618.24054 | 3.73447 | 0.60 |
| 7 | 564.87518 | 162.22309 | 233.37435 | 134.95896 | 26.96875 | 4.19478 | 0.00623 | 561.72616 | 3.14902 | 0.56 |
| 8 | 648.06121 | 182.77090 | 270.45312 | 154.83946 | 31.62785 | 4.80224 | 0.03267 | 644.52624 | 3.53496 | 0.55 |
| 9 | 651.30800 | 180.65994 | 271.93011 | 156.97827 | 33.54556 | 4.89369 | 0.02688 | 648.03444 | 3.27356 | 0.50 |
| 10 | 728.07779 | 205.45508 | 306.35147 | 171.47660 | 35.91294 | 5.36715 | 0.02645 | 724.58968 | 3.48811 | 0.48 |
| 11 | 721.60251 | 202.51894 | 305.02481 | 168.51477 | 36.76000 | 5.39460 | 0.03513 | 718.24825 | 3.35426 | 0.46 |
| 12 | 780.27966 | 219.65093 | 328.99703 | 182.22061 | 38.97872 | 5.87896 | 0.03627 | 775.76252 | 4.51713 | 0.58 |
| 13 | 753.69875 | 210.65495 | 316.89505 | 178.21539 | 37.04825 | 5.64116 | 0.03361 | 748.48841 | 5.21034 | 0.69 |
| 14 | 724.99131 | 202.20654 | 302.91903 | 172.61756 | 36.10859 | 5.55228 | 0.00257 | 719.40656 | 5.58475 | 0.77 |
| 15 | 800.86661 | 223.62417 | 334.22689 | 191.04430 | 39.73710 | 6.01370 | 0.02947 | 794.67562 | 6.19099 | 0.77 |
| 16 | 739.54661 | 207.73869 | 308.49881 | 175.15655 | 37.27820 | 5.66310 | 0.03161 | 734.36696 | 5.17966 | 0.70 |
| 17 | 723.06798 | 204.11104 | 301.00356 | 171.60549 | 36.12585 | 5.56737 | 0.03292 | 718.44623 | 4.62176 | 0.64 |
| 18 | 714.81201 | 203.99116 | 299.71446 | 166.29368 | 35.20192 | 5.44349 | 0.03225 | 710.67695 | 4.13506 | 0.58 |
| 19 | 708.89633 | 201.69638 | 295.35929 | 165.74551 | 35.79992 | 5.45740 | 0.02565 | 704.08414 | 4.81219 | 0.68 |
| 20 | 682.22845 | 191.71020 | 284.97685 | 161.55427 | 33.96393 | 5.22914 | 0.02186 | 677.45625 | 4.77220 | 0.70 |
| 21 | 750.58437 | 213.69741 | 312.52965 | 177.10339 | 36.21926 | 5.60343 | 0.02357 | 745.17671 | 5.40766 | 0.72 |
| 22 | 740.19218 | 211.48487 | 305.03151 | 175.72577 | 36.87600 | 5.58902 | 0.02212 | 734.72929 | 5.46289 | 0.74 |
| 23 | 620.30549 | 181.31447 | 251.32140 | 146.15132 | 32.05096 | 4.73188 | 0.02039 | 615.59043 | 4.71506 | 0.76 |
| 24 | 648.25215 | 189.65016 | 265.01448 | 152.02583 | 32.25043 | 4.92205 | 0.02182 | 643.88476 | 4.36738 | 0.67 |
| 25 | 677.42012 | 196.74056 | 279.01967 | 159.40081 | 33.29797 | 5.04786 | 0.02134 | 673.52822 | 3.89191 | 0.57 |
| 26 | 660.45023 | 191.95467 | 271.10090 | 156.24385 | 32.40621 | 4.90077 | 0.02079 | 656.62719 | 3.82304 | 0.58 |
| 27 | 629.98003 | 180.42793 | 261.42552 | 151.59805 | 28.99816 | 4.42755 | 0.01458 | 626.89177 | 3.08826 | 0.49 |

| Week | Total Consumption of Delhi at DTL periphery in Mus | Actual drawal of distribution licensees and deemed licensees in MUs | | | | | | | Transmission losses in | |
|----------------|--|---|---------------------|-------------------|-------------------|------------------|-----------------|------------------------------------|------------------------|------------------|
| | | TPDDL | BRPL | BYPL | NDMC | MES | IP | Total | in Mus | in % |
| (1) | (10)=(3)+(9) | (11) | (12) | (13) | (14) | (15) | (16) | (17)=(11)+(12)+(13)+(14)+(15)+(17) | (18)=(10)-(17) | (19)=(18)*100/10 |
| 28 | 605.5772692 | 177.686966 | 248.101752 | 143.365685 | 29.239064 | 4.391638 | 0.011358 | 602.7964625 | 2.780807 | 0.46 |
| 29 | 497.836198 | 150.287554 | 197.4609276 | 117.103605 | 25.268588 | 3.782888 | 0.010008 | 493.9135701 | 3.922628 | 0.79 |
| 30 | 453.3895391 | 129.572734 | 186.7581332 | 107.8606 | 22.320321 | 3.380191 | 0.009543 | 449.9015217 | 3.488017 | 0.77 |
| 31 | 449.1203084 | 135.319288 | 179.0156181 | 104.710739 | 23.340485 | 3.451029 | 0.009987 | 445.8471456 | 3.273163 | 0.73 |
| 32 | 426.3356156 | 131.527531 | 168.4612058 | 98.674201 | 21.069576 | 3.236294 | 0.009761 | 422.9785683 | 3.357047 | 0.79 |
| 33 | 403.6025562 | 125.468599 | 158.4229717 | 92.194862 | 20.393679 | 3.406156 | 0.008298 | 399.8945655 | 3.707991 | 0.92 |
| 34 | 397.5609111 | 124.505401 | 155.9837567 | 90.33577 | 19.5319422 | 3.621423 | 0.007659 | 393.9859515 | 3.57496 | 0.90 |
| 35 | 400.5446118 | 124.820067 | 158.4102612 | 90.309454 | 19.529758 | 3.621423 | 0.009271 | 396.7002338 | 3.844378 | 0.96 |
| 36 | 399.2249302 | 124.161372 | 158.302422 | 89.522402 | 19.729944 | 3.621423 | 0.008926 | 395.3464885 | 3.878442 | 0.97 |
| 37 | 401.8738684 | 123.895073 | 160.233264 | 89.765069 | 20.128775 | 4.159257 | 0.008085 | 398.1895225 | 3.684346 | 0.92 |
| 38 | 430.4109401 | 129.177283 | 173.3399295 | 96.136654 | 22.176823 | 5.216068 | 0.007224 | 426.053981 | 4.356959 | 1.01 |
| 39 | 474.3360815 | 138.301663 | 194.8415882 | 105.908325 | 24.487478 | 6.102493 | 0.009593 | 469.6511393 | 4.684942 | 0.99 |
| 40 | 465.2929076 | 135.514898 | 190.749449 | 104.424003 | 24.4889994 | 5.988674 | 0.015367 | 461.1813899 | 4.111518 | 0.88 |
| 41 | 476.376833 | 139.515466 | 195.704625 | 105.820849 | 25.572463 | 6.183928 | 0.020305 | 472.8176355 | 3.559197 | 0.75 |
| 42 | 477.79694 | 139.263444 | 196.334398 | 106.281221 | 26.0190954 | 6.328365 | 0.020903 | 474.2474259 | 3.549514 | 0.74 |
| 43 | 468.8380647 | 137.882695 | 191.660243 | 104.449597 | 25.0951542 | 6.176933 | 0.0196 | 465.2842217 | 3.553843 | 0.76 |
| 44 | 447.1962138 | 129.616261 | 184.061258 | 100.635388 | 23.672569 | 5.907404 | 0.017064 | 443.9099435 | 3.28627 | 0.73 |
| 45 | 428.6265178 | 129.586677 | 172.105 | 96.1448207 | 22.069709 | 5.036564 | 0.018068 | 424.9608382 | 3.66568 | 0.86 |
| 46 | 416.0175517 | 129.723106 | 164.797618 | 93.6804621 | 20.742058 | 4.324111 | 0.017943 | 413.2852976 | 2.732254 | 0.66 |
| 47 | 407.486911 | 128.762936 | 160.851924 | 91.707253 | 19.650899 | 3.600392 | 0.016917 | 404.5903205 | 2.896591 | 0.71 |
| 48 | 404.0580406 | 126.727716 | 158.549583 | 91.864463 | 19.878054 | 3.435104 | 0.018336 | 400.4732557 | 3.584785 | 0.89 |
| 49 | 370.0095445 | 110.455538 | 149.952673 | 84.8329157 | 18.037539 | 3.56207 | 0.01304 | 366.853775 | 3.15577 | 0.85 |
| 50 | 394.6588014 | 124.236861 | 155.499281 | 89.552455 | 18.842287 | 3.549162 | 0.014601 | 391.6946465 | 2.964155 | 0.75 |
| 51 | 405.3535126 | 128.645204 | 158.807674 | 92.5460414 | 19.2572816 | 3.438022 | 0.016749 | 402.7109715 | 2.642541 | 0.65 |
| 52 | 459.0521168 | 141.343326 | 181.6906903 | 106.764012 | 22.530471 | 3.629848 | 0.018193 | 455.9765398 | 3.075577 | 0.67 |
| 53 | 127.307991 | 39.72532 | 50.395571 | 28.558355 | 6.644506 | 1.009809 | 0.004773 | 126.338334 | 0.969657 | 0.76 |
| Total | 28848.253855 | 8424.272355 | 11823.759097 | 6717.11026 | 1436.66209 | 243.96267 | 0.884230 | 28646.650714 | 201.6031 | 0.70 |
| 2014-15 | | | | 5 | 1 | 7 | | | | |

12.2 MONTH WISE TRANSMISSION LOSSES FOR 2014-15

| Month | TPDDL | BRPL | BYPL | NDMC | MES | IP | Total supply to disoms |
|--------------|-------------|--------------|-------------|-------------|------------|----------|------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8=sum(2 to 7) |
| Apr-14 | 625.479493 | 855.591069 | 492.490231 | 102.165444 | 16.182701 | 0.017929 | 2091.926868 |
| May-14 | 780.289767 | 1151.737855 | 656.941038 | 136.149920 | 20.564510 | 0.066868 | 2745.749958 |
| Jun-14 | 892.890909 | 1340.562218 | 747.606103 | 158.031431 | 23.769128 | 0.139165 | 3162.998954 |
| Jul-14 | 923.825748 | 1369.705854 | 778.291612 | 164.194889 | 25.044768 | 0.112651 | 3261.175522 |
| Aug-14 | 905.975670 | 1327.788317 | 753.212216 | 157.399161 | 24.210791 | 0.107140 | 3168.693294 |
| Sep-14 | 815.261490 | 1145.009081 | 658.668128 | 139.830934 | 20.964017 | 0.089547 | 2779.823197 |
| Oct-14 | 682.319295 | 947.846327 | 552.038289 | 113.899987 | 17.178885 | 0.047517 | 2313.330300 |
| Nov-14 | 541.695144 | 687.641186 | 399.268361 | 85.966218 | 14.778250 | 0.037734 | 1729.386893 |
| Dec-14 | 576.317068 | 771.458220 | 426.806998 | 97.857398 | 21.804067 | 0.038104 | 1894.281854 |
| Jan-15 | 602.971111 | 848.922720 | 462.087747 | 110.691826 | 27.132577 | 0.086105 | 2051.892086 |
| Feb-15 | 517.733113 | 660.585102 | 375.319311 | 82.839286 | 16.670030 | 0.071248 | 1653.218090 |
| Mar-15 | 559.513547 | 716.911149 | 414.380230 | 87.635596 | 15.662953 | 0.070222 | 1794.173697 |
| Total | 8424.272355 | 11823.759097 | 6717.110265 | 1436.662091 | 243.962677 | 0.884230 | 28646.650714 |

| Month | GT | RPH | PPCL | BTPS | Drawal from the Grid | Bawana |
|--------------|------------|------------|-------------|-------------|----------------------|-------------|
| 1 | 8 | 9 | 10 | 11 | 12 | 13 |
| Apr-14 | 74.384204 | 32.141183 | 108.523020 | 237.734154 | 1651.825749 | 2.083967 |
| May-14 | 88.116826 | 55.376239 | 83.944086 | 329.189496 | 2159.636846 | 44.946318 |
| Jun-14 | 94.729640 | 64.771999 | 135.800304 | 384.046903 | 2344.472705 | 157.116324 |
| Jul-14 | 108.615833 | 51.690319 | 210.186132 | 362.677980 | 2364.924192 | 185.753647 |
| Aug-14 | 69.345920 | 41.637805 | 203.589666 | 258.085812 | 2366.899230 | 251.714554 |
| Sep-14 | 78.066060 | 44.663544 | 201.766434 | 209.853307 | 2060.074323 | 203.043710 |
| Oct-14 | 67.771093 | -0.637858 | 204.028032 | 286.979500 | 1503.817186 | 266.316225 |
| Nov-14 | 56.663868 | -0.415953 | 136.674660 | 226.679700 | 1109.432685 | 215.598513 |
| Dec-14 | 57.921110 | -0.515144 | 141.604692 | 186.234168 | 1297.020492 | 230.594717 |
| Jan-15 | 94.134261 | 24.762003 | 137.039190 | 218.626476 | 1371.433870 | 221.481131 |
| Feb-15 | 57.580468 | 22.747438 | 110.826630 | 107.932620 | 1175.168120 | 191.728706 |
| Mar-15 | 56.932025 | 21.389788 | 125.261754 | 125.318710 | 1292.500880 | 186.193670 |
| Total | 904.261308 | 357.611363 | 1799.244600 | 2933.358826 | 20697.206278 | 2156.571481 |

| Month | Total Injection For supply to Discoms | Losses in MUs | Losses in % | Losses in % during previous year |
|--------------|--|--------------------------|------------------------|---|
| 1 | 14=Sum(8to13) | 15=14-7 | 16=15*100/14 | 17 |
| Apr-14 | 2106.692277 | 14.765409 | 0.70 | 1.21 |
| May-14 | 2761.209811 | 15.459853 | 0.56 | 1.11 |
| Jun-14 | 3180.937875 | 17.938921 | 0.56 | 1.11 |
| Jul-14 | 3283.848103 | 22.672581 | 0.69 | 1.10 |
| Aug-14 | 3191.272987 | 22.579692 | 0.71 | 0.74 |
| Sep-14 | 2797.467378 | 17.644181 | 0.63 | 0.76 |
| Oct-14 | 2328.274178 | 14.943878 | 0.64 | 0.70 |
| Nov-14 | 1744.633473 | 15.246580 | 0.87 | 0.65 |
| Dec-14 | 1912.860035 | 18.578181 | 0.97 | 0.84 |
| Jan-15 | 2067.476931 | 15.584844 | 0.75 | 1.12 |
| Feb-15 | 1665.983982 | 12.765892 | 0.77 | 1.05 |
| Mar-15 | 1807.596827 | 13.423130 | 0.74 | 0.93 |
| Total | 28848.253855 | 201.603141 | 0.70 | 0.95 |

13 ALLOCATION OF POWER TO DISCOMS FOR 2014-15

13.1 ALLOCATION FROM CENTRAL SECTOR

i) Allocation to Delhi w.e.f.01.04.2014 to 17.06.2014 from Central Sector Generating Stns.

All figures in MW

| Name of the Stn | Installed capacity | Total Un-allocated | Basic Allocation | Basic Allocation at periphery | Allocation out of Unallocated Quota | Allocation out of Un-allocation Quota at Delhi periphery | Total allocation at Delhi periphery |
|---------------------------|--------------------|--------------------|------------------|-------------------------------|-------------------------------------|--|-------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | (8)=(5)+(7) |
| Singrauli STPS | 2000 | 300 | 150 | 130 | 0 | 0 | 130 |
| Rihand-I | 1000 | 150 | 100 | 87 | 0 | 0 | 87 |
| Rihand Stage -II | 1000 | 150 | 126 | 109 | 0 | 0 | 109 |
| Rihand Stage -III | 1000 | 150 | 132 | 115 | 0 | 0 | 115 |
| ANTA GPS | 419 | 63 | 44 | 41 | 0 | 0 | 41 |
| Auriya GPS | 663.36 | 99 | 72 | 67 | 0 | 0 | 67 |
| Dadri GPS | 829.78 | 129 | 91 | 85 | 0 | 0 | 85 |
| Dadri NCTPS (Th) | 840 | 0 | 756 | 657 | 0 | 0 | 657 |
| Dadri NCTPS (Th) Stage-II | 980 | 147 | 735 | 639 | 0 | 0 | 639 |
| Unchahaar-I TPS | 420 | 20 | 24 | 21 | 0 | 0 | 21 |
| Unchahaar-II TPS | 420 | 63 | 47 | 41 | 0 | 0 | 41 |
| Unchahaar-III TPS | 210 | 31 | 29 | 25 | 0 | 0 | 25 |
| TOTAL | 9782 | 1302 | 2306 | 2016 | 0 | 0 | 2016 |
| NHPC | | | | | | | |
| Baira Suil HPS | 180 | 0 | 20 | 19 | 0 | 0 | 19 |
| Salal HPS | 690 | 0 | 80 | 76 | 0 | 0 | 76 |
| Tanakpur HEP | 94 | 0 | 12 | 11 | 0 | 0 | 11 |
| Chamera HEP | 540 | 0 | 43 | 41 | 0 | 0 | 41 |
| Chamera-II HEP | 300 | 54 | 40 | 38 | 0 | 0 | 38 |
| Chamera-III HEP | 231 | 35 | 29 | 28 | 0 | 0 | 28 |
| URI-I HEP | 480 | 0 | 53 | 50 | 0 | 0 | 50 |
| URI-II HEP | 180 | 0 | 24 | 23 | 0 | 0 | 23 |
| Sewa HEP | 120 | 18 | 16 | 15 | 0 | 0 | 15 |
| Dhaulti Ganga HEP | 280 | 42 | 37 | 35 | 0 | 0 | 35 |
| Dulhasti HEP | 390 | 58 | 50 | 48 | 0 | 0 | 48 |
| Parbati-III HEP | 390 | 50 | 50 | 47 | 0 | 0 | 47 |
| TOTAL | 3875 | 256 | 454 | 431 | 0 | 0 | 431 |
| NPC | | | | | | | |
| Narora APS | 440 | 64 | 47 | 41 | 0 | 0 | 41 |
| RAPP (C) | 440 | 64 | 56 | 49 | 0 | 0 | 49 |
| TOTAL | 880 | 128 | 103 | 89 | 0 | 0 | 89 |
| SVJNL | | | | | | | |
| Nathpa Jhakri HEP | 1500 | 149 | 142 | 135 | 0 | 0 | 135 |
| THDC | | | | | | | |
| Tehri Hydro | 1000 | 99 | 103 | 98 | 0 | 0 | 98 |
| Koteshwar HEP | 400 | 40 | 39 | 37 | 0 | 0 | 37 |
| TOTAL | 1400 | 139 | 142 | 135 | 0 | 0 | 135 |
| Total | 17437 | 1974 | 3147 | 2807 | 0 | 0 | 2807 |

| Name of the Stn | Installed capacity | Total Un-allocated | Basic Allocation | Basic Allocation at periphery | Allocation out of Unallocated Quota | Allocation out of Un-allocation Quota at Delhi periphery | Total allocation at Delhi periphery |
|--|--------------------|--------------------|------------------|-------------------------------|-------------------------------------|--|-------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | (8)=(5)+(7) |
| Allocation from ER and Tala HEP | | | | | | | |
| Farakka | 1600 | 0 | 22 | 19 | 0 | 0 | 19 |
| Kahalgaon | 840 | 0 | 51 | 43 | 0 | 0 | 43 |
| Talchar | 1000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tala HEP | 1020 | 153 | 30 | 25 | 0 | 0 | 25 |
| Kahalgaon-II | 1500 | 0 | 157 | 131 | 0 | 0 | 131 |
| Total ER | 5960 | 153 | 261 | 217 | 0 | 0 | 217 |
| Joint Venture | | | | | | | |
| Jhajar TPS | 1500 | 114 | 377 | 338 | 0 | 0 | 338 |
| Ultra Mega Projects | | | | | | | |
| Sasan | 1320 | 0 | 149 | 128 | 0 | 0 | 128 |
| Grand Total | 26217 | 2241 | 3933 | 3491 | 0 | 0 | 3491 |

ii) **Allocation to Delhi w.e.f.18.06.2014 to 20.06.2014 from Central Sector Generating Stns.**
All figures in MW

| Name of the Stn | Installed capacity | Total Un-allocated | Basic Allocation | Basic Allocation at periphery | Allocation out of Unallocated Quota | Allocation out of Un-allocation Quota at Delhi periphery | Total allocation at Delhi periphery |
|-----------------------------|--------------------|--------------------|------------------|-------------------------------|-------------------------------------|--|-------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | (8)=(5)+(7) |
| <u>NTPC STATIONS</u> | | | | | | | |
| Singrauli STPS | 2000 | 300 | 150 | 130 | 0 | 0 | 130 |
| Rihand-I | 1000 | 150 | 100 | 87 | 0 | 0 | 87 |
| Rihand Stage -II | 1000 | 150 | 126 | 109 | 0 | 0 | 109 |
| Rihand Stage -III | 1000 | 150 | 132 | 115 | 0 | 0 | 115 |
| ANTA GPS | 419 | 63 | 44 | 41 | 0 | 0 | 41 |
| Auriya GPS | 663.36 | 99 | 72 | 67 | 0 | 0 | 67 |
| Dadri GPS | 829.78 | 129 | 91 | 85 | 0 | 0 | 85 |
| Dadri NCTPS (Th) | 840 | 0 | 756 | 657 | 0 | 0 | 657 |
| Dadri NCTPS (Th) Stage-II | 980 | 147 | 735 | 639 | 0 | 0 | 639 |
| Unchahaar-I TPS | 420 | 20 | 24 | 21 | 0 | 0 | 21 |
| Unchahaar-II TPS | 420 | 63 | 47 | 41 | 0 | 0 | 41 |
| Unchahaar-III TPS | 210 | 31 | 29 | 25 | 0 | 0 | 25 |
| TOTAL | 9782 | 1302 | 2306 | 2016 | 0 | 0 | 2016 |
| <u>NHPC</u> | | | | | | | |
| Baira Suil HPS | 180 | 0 | 20 | 19 | 0 | 0 | 19 |
| Salal HPS | 690 | 0 | 80 | 76 | 0 | 0 | 76 |
| Tanakpur HEP | 94 | 0 | 12 | 11 | 0 | 0 | 11 |
| Chamera HEP | 540 | 0 | 43 | 41 | 0 | 0 | 41 |
| Chamera-II HEP | 300 | 54 | 40 | 38 | 0 | 0 | 38 |
| Chamera-III HEP | 231 | 35 | 29 | 28 | 0 | 0 | 28 |
| URI-I HEP | 480 | 0 | 53 | 50 | 0 | 0 | 50 |
| URI-II HEP | 180 | 0 | 24 | 23 | 0 | 0 | 23 |
| Sewa HEP | 120 | 18 | 16 | 15 | 0 | 0 | 15 |

| Name of the Stn | Installed capacity | Total Un-allocated | Basic Allocation | Basic Allocation at periphery | Allocation out of Unallocated Quota | Allocation out of Un-allocation Quota at Delhi periphery | Total allocation at Delhi periphery |
|---|--------------------|--------------------|------------------|-------------------------------|-------------------------------------|--|-------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | (8)=(5)+(7) |
| Dhaulti Ganga HEP | 280 | 42 | 37 | 35 | 0 | 0 | 35 |
| Dulhasti HEP | 390 | 58 | 50 | 48 | 0 | 0 | 48 |
| Parbati-III HEP | 520 | 66 | 66 | 63 | 0 | 0 | 63 |
| TOTAL | 4005 | 272 | 471 | 447 | 0 | 0 | 447 |
| <u>NPC</u> | | | | | | | |
| Narora APS | 440 | 64 | 47 | 41 | 0 | 0 | 41 |
| RAPP (C) | 440 | 64 | 56 | 49 | 0 | 0 | 49 |
| TOTAL | 880 | 128 | 103 | 89 | 0 | 0 | 89 |
| <u>SVJNL</u> | | | | | | | |
| Nathpa Jhakri HEP | 1500 | 149 | 142 | 135 | 0 | 0 | 135 |
| <u>THDC</u> | | | | | | | |
| Tehri Hydro | 1000 | 99 | 103 | 98 | 0 | 0 | 98 |
| Koteshwar HEP | 400 | 40 | 39 | 37 | 0 | 0 | 37 |
| TOTAL | 1400 | 139 | 142 | 135 | 0 | 0 | 135 |
| Total | 17567 | 1990 | 3164 | 2823 | 0 | 0 | 2823 |
| <u>Allocation from ER and Tala HEP</u> | | | | | | | |
| Farakka | 1600 | 0 | 22 | 19 | 0 | 0 | 19 |
| Kahalgaon | 840 | 0 | 51 | 43 | 0 | 0 | 43 |
| Talchar | 1000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tala HEP | 1020 | 153 | 30 | 25 | 0 | 0 | 25 |
| Kahalgaon-II | 1500 | 0 | 157 | 131 | 0 | 0 | 131 |
| Total ER | 5960 | 153 | 261 | 217 | 0 | 0 | 217 |
| <u>Joint Venture</u> | | | | | | | |
| Jhajjar TPS | 1500 | 114 | 52 | 47 | 0 | 0 | 47 |
| Ultra Mega Projects | | | | | | | |
| Sasan | 1320 | 0 | 149 | 128 | 0 | 0 | 128 |
| Grand Total | 26347 | 2257 | 3625 | 3215 | 0 | 0 | 3215 |

iii) **Allocation to Delhi w.e.f. 21.06.2014 to 09.09.2014 from Central Sector Generating Stns.**
All figures in MW

| Name of the Stn | Installed capacity | Total Un-allocated | Basic Allocation | Basic Allocation at periphery | Allocation out of Unallocated Quota | Allocation out of Un-allocation Quota at Delhi periphery | Total allocation at Delhi periphery |
|-----------------------------|--------------------|--------------------|------------------|-------------------------------|-------------------------------------|--|-------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | (8)=(5)+(7) |
| <u>NTPC STATIONS</u> | | | | | | | |
| Singrauli STPS | 2000 | 300 | 150 | 130 | 0 | 0 | 130 |
| Rihand-I | 1000 | 150 | 100 | 87 | 0 | 0 | 87 |
| Rihand Stage -II | 1000 | 150 | 126 | 109 | 0 | 0 | 109 |
| Rihand Stage -III | 1000 | 150 | 132 | 115 | 0 | 0 | 115 |
| ANTA GPS | 419 | 63 | 44 | 41 | 0 | 0 | 41 |
| Auriya GPS | 663.36 | 99 | 72 | 67 | 0 | 0 | 67 |
| Dadri GPS | 829.78 | 129 | 91 | 85 | 0 | 0 | 85 |

| Name of the Stn | Install ed capaci ty | Total Un-allocat ed | Basic Allocatio n | Basic Allocatio n at peripher y | Allocatio n out of Unallocat ed Quota | Allocation out of Un-allocatio n Quota at Delhi periphery | Total allocation at Delhi periphery |
|--|----------------------|---------------------|-------------------|---------------------------------|---------------------------------------|---|-------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | (8)=(5)+(7) |
| Dadri NCTPS (Th) | 840 | 0 | 756 | 657 | 0 | 0 | 657 |
| Dadri NCTPS (Th) Stage-II | 980 | 147 | 735 | 639 | 0 | 0 | 639 |
| Unchahaar-I TPS | 420 | 20 | 24 | 21 | 0 | 0 | 21 |
| Unchahaar-II TPS | 420 | 63 | 47 | 41 | 0 | 0 | 41 |
| Unchahaar-III TPS | 210 | 31 | 29 | 25 | 0 | 0 | 25 |
| TOTAL | 9782 | 1302 | 2306 | 2016 | 0 | 0 | 2016 |
| NHPC | | | | | | | |
| Baira Suil HPS | 180 | 0 | 20 | 19 | 0 | 0 | 19 |
| Salal HPS | 690 | 0 | 80 | 76 | 0 | 0 | 76 |
| Tanakpur HEP | 94 | 0 | 12 | 11 | 0 | 0 | 11 |
| Chamera HEP | 540 | 0 | 43 | 41 | 0 | 0 | 41 |
| Chamera-II HEP | 300 | 54 | 40 | 38 | 0 | 0 | 38 |
| Chamera-III HEP | 231 | 35 | 29 | 28 | 0 | 0 | 28 |
| URI-I HEP | 480 | 0 | 53 | 50 | 0 | 0 | 50 |
| URI-II HEP | 180 | 0 | 24 | 23 | 0 | 0 | 23 |
| Sewa HEP | 120 | 18 | 16 | 15 | 0 | 0 | 15 |
| Dhaulti Ganga HEP | 280 | 42 | 37 | 35 | 0 | 0 | 35 |
| Dulhasti HEP | 390 | 58 | 50 | 48 | 0 | 0 | 48 |
| Parbati-III HEP | 520 | 66 | 66 | 63 | 0 | 0 | 63 |
| TOTAL | 4005 | 272 | 471 | 447 | 0 | 0 | 447 |
| NPC | | | | | | | |
| Narora APS | 440 | 64 | 47 | 41 | 0 | 0 | 41 |
| RAPP (C) | 440 | 64 | 56 | 49 | 0 | 0 | 49 |
| TOTAL | 880 | 128 | 103 | 89 | 0 | 0 | 89 |
| SVJNL | | | | | | | |
| Nathpa Jhakri HEP | 1500 | 149 | 142 | 135 | 0 | 0 | 135 |
| THDC | | | | | | | |
| Tehri Hydro | 1000 | 99 | 103 | 98 | 0 | 0 | 98 |
| Koteshwar HEP | 400 | 40 | 39 | 37 | 0 | 0 | 37 |
| TOTAL | 1400 | 139 | 142 | 135 | 0 | 0 | 135 |
| Total | 17567 | 1990 | 3164 | 2823 | 0 | 0 | 2823 |
| Allocation from ER and Tala HEP | | | | | | | |
| Farakka | 1600 | 0 | 22 | 19 | 0 | 0 | 19 |
| Kahalgaoon | 840 | 0 | 51 | 43 | 0 | 0 | 43 |
| Talchar | 1000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tala HEP | 1020 | 153 | 30 | 25 | 0 | 0 | 25 |
| Kahalgaoon-II | 1500 | 0 | 157 | 131 | 0 | 0 | 131 |
| Total ER | 5960 | 153 | 261 | 217 | 0 | 0 | 217 |
| Joint Venture | | | | | | | |
| Jhajjar TPS | 1500 | 114 | 0 | 0 | 0 | 0 | 0 |
| Ultra Mega Projects | | | | | | | |
| Sasan | 2640 | 0 | 297 | 255 | 0 | 0 | 255 |
| Grand Total | 27667 | 2257 | 3721 | 3296 | 0 | 0 | 3296 |

iv) Allocation to Delhi w.e.f.10.09.2014 to 13.11.2014 from Central Sector Generating Stns.

| All figures in MW | | | | | | | |
|---|--------------------|--------------------|------------------|-------------------------------|-------------------------------------|---|-------------------------------------|
| Name of the Stn | Installed capacity | Total Un-allocated | Basic Allocation | Basic Allocation at periphery | Allocation out of Unallocated Quota | Allocation out of Un-allocated Quota at Delhi periphery | Total allocation at Delhi periphery |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | (8)=(5)+(7) |
| <u>NTPC STATIONS</u> | | | | | | | |
| Singrauli STPS | 2000 | 300 | 150 | 130 | 0 | 0 | 130 |
| Rihand-I | 1000 | 150 | 100 | 87 | 0 | 0 | 87 |
| Rihand Stage -II | 1000 | 150 | 126 | 109 | 0 | 0 | 109 |
| Rihand Stage -III | 1000 | 150 | 132 | 115 | 0 | 0 | 115 |
| ANTA GPS | 419 | 63 | 44 | 41 | 0 | 0 | 41 |
| Auriya GPS | 663.36 | 99 | 72 | 67 | 0 | 0 | 67 |
| Dadri GPS | 829.78 | 129 | 91 | 85 | 0 | 0 | 85 |
| Dadri NCTPS (Th) | 840 | 0 | 576 | 500 | 0 | 0 | 500 |
| Dadri NCTPS (Th) Stage-II | 980 | 147 | 735 | 639 | 0 | 0 | 639 |
| Unchahaar-I TPS | 420 | 20 | 24 | 21 | 0 | 0 | 21 |
| Unchahaar-II TPS | 420 | 63 | 47 | 41 | 0 | 0 | 41 |
| Unchahaar-III TPS | 210 | 31 | 29 | 25 | 0 | 0 | 25 |
| TOTAL | 9782 | 1302 | 2126 | 1860 | 0 | 0 | 1860 |
| <u>NHPC</u> | | | | | | | |
| Baira Suil HPS | 180 | 0 | 20 | 19 | 0 | 0 | 19 |
| Salal HPS | 690 | 0 | 80 | 76 | 0 | 0 | 76 |
| Tanakpur HEP | 94 | 0 | 12 | 11 | 0 | 0 | 11 |
| Chamera HEP | 540 | 0 | 43 | 41 | 0 | 0 | 41 |
| Chamera-II HEP | 300 | 54 | 40 | 38 | 0 | 0 | 38 |
| Chamera-III HEP | 231 | 35 | 29 | 28 | 0 | 0 | 28 |
| URI-I HEP | 480 | 0 | 53 | 50 | 0 | 0 | 50 |
| URI-II HEP | 180 | 0 | 24 | 23 | 0 | 0 | 23 |
| Sewa HEP | 120 | 18 | 16 | 15 | 0 | 0 | 15 |
| Dhaulti Ganga HEP | 280 | 42 | 37 | 35 | 0 | 0 | 35 |
| Dulhasti HEP | 390 | 58 | 50 | 48 | 0 | 0 | 48 |
| Parbati-III HEP | 520 | 66 | 66 | 63 | 0 | 0 | 63 |
| TOTAL | 4005 | 272 | 471 | 447 | 0 | 0 | 447 |
| <u>NPC</u> | | | | | | | |
| Narora APS | 440 | 64 | 47 | 41 | 0 | 0 | 41 |
| RAPP (C) | 440 | 64 | 56 | 49 | 0 | 0 | 49 |
| TOTAL | 880 | 128 | 103 | 89 | 0 | 0 | 89 |
| <u>SVJNL</u> | | | | | | | |
| Nathpa Jhakri HEP | 1500 | 149 | 142 | 135 | 0 | 0 | 135 |
| <u>THDC</u> | | | | | | | |
| Tehri Hydro | 1000 | 99 | 103 | 98 | 0 | 0 | 98 |
| Koteshwar HEP | 400 | 40 | 39 | 37 | 0 | 0 | 37 |
| TOTAL | 1400 | 139 | 142 | 135 | 0 | 0 | 135 |
| Total | 17567 | 1990 | 2984 | 2667 | 0 | 0 | 2667 |
| <u>Allocation from ER and Tala HEP</u> | | | | | | | |
| Farakka | 1600 | 0 | 22 | 19 | 0 | 0 | 19 |
| Kahalgaon | 840 | 0 | 51 | 43 | 0 | 0 | 43 |

| Name of the Stn | Installed capacity | Total Un-allocated | Basic Allocation | Basic Allocation at periphery | Allocation out of Unallocated Quota | Allocation out of Un-allocation Quota at Delhi periphery | Total allocation at Delhi periphery |
|----------------------|--------------------|--------------------|------------------|-------------------------------|-------------------------------------|--|-------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | (8)=(5)+(7) |
| Talchar | 1000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tala HEP | 1020 | 153 | 30 | 25 | 0 | 0 | 25 |
| Kahalgaoon-II | 1500 | 0 | 157 | 131 | 0 | 0 | 131 |
| Total ER | 5960 | 153 | 261 | 217 | 0 | 0 | 217 |
| Joint Venture | | | | | | | |
| Jhajjar TPS | 1500 | 114 | 0 | 0 | 0 | 0 | 0 |
| Ultra Mega Projects | | | | | | | |
| Sasan | 2640 | 0 | 297 | 255 | 0 | 0 | 255 |
| Grand Total | 27667 | 2257 | 3541 | 3140 | 0 | 0 | 3140 |

v) **Allocation to Delhi w.e.f.14.11.2014 to 31.03.2015 from Central Sector Generating Stns.**

All figures in MW

| Name of the Stn | Installed capacity | Total Un-allocated | Basic Allocation | Basic Allocation at periphery | Allocation out of Unallocated Quota | Allocation out of Un-allocation Quota at Delhi periphery | Total allocation at Delhi periphery |
|-----------------------------|--------------------|--------------------|------------------|-------------------------------|-------------------------------------|--|-------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | (8)=(5)+(7) |
| <u>NTPC STATIONS</u> | | | | | | | |
| Singrauli STPS | 2000 | 300 | 150 | 130 | 0 | 0 | 130 |
| Rihand-I | 1000 | 150 | 100 | 87 | 0 | 0 | 87 |
| Rihand Stage -II | 1000 | 150 | 126 | 109 | 0 | 0 | 109 |
| Rihand Stage -III | 1000 | 150 | 132 | 115 | 0 | 0 | 115 |
| ANTA GPS | 419 | 63 | 44 | 41 | 0 | 0 | 41 |
| Auriya GPS | 663.36 | 99 | 72 | 67 | 0 | 0 | 67 |
| Dadri GPS | 829.78 | 129 | 91 | 85 | 0 | 0 | 85 |
| Dadri NCTPS (Th) | 840 | 0 | 576 | 500 | 0 | 0 | 500 |
| Dadri NCTPS (Th) Stage-II | 980 | 147 | 474 | 412 | 0 | 0 | 412 |
| Unchahaar-I TPS | 420 | 20 | 24 | 21 | 0 | 0 | 21 |
| Unchahaar-II TPS | 420 | 63 | 47 | 41 | 0 | 0 | 41 |
| Unchahaar-III TPS | 210 | 31 | 29 | 25 | 0 | 0 | 25 |
| TOTAL | 9782 | 1302 | 1865 | 1633 | 0 | 0 | 1633 |
| <u>NHPC</u> | | | | | | | |
| Baira Suil HPS | 180 | 0 | 20 | 19 | 0 | 0 | 19 |
| Salal HPS | 690 | 0 | 80 | 76 | 0 | 0 | 76 |
| Tanakpur HEP | 94 | 0 | 12 | 11 | 0 | 0 | 11 |
| Chamera HEP | 540 | 0 | 43 | 41 | 0 | 0 | 41 |
| Chamera-II HEP | 300 | 54 | 40 | 38 | 0 | 0 | 38 |
| Chamera-III HEP | 231 | 35 | 29 | 28 | 0 | 0 | 28 |
| URI-I HEP | 480 | 0 | 53 | 50 | 0 | 0 | 50 |
| URI-II HEP | 240 | 0 | 32 | 31 | 0 | 0 | 31 |
| Sewa HEP | 120 | 18 | 16 | 15 | 0 | 0 | 15 |
| Dhaulti Ganga HEP | 280 | 42 | 37 | 35 | 0 | 0 | 35 |
| Dulhasti HEP | 390 | 58 | 50 | 48 | 0 | 0 | 48 |
| Parbati-III HEP | 520 | 66 | 66 | 63 | 0 | 0 | 63 |
| TOTAL | 4065 | 272 | 479 | 455 | 0 | 0 | 455 |

| Name of the Stn | Installed capacity | Total Un-allocated | Basic Allocation | Basic Allocation at periphery | Allocation out of Unallocated Quota | Allocation out of Un-allocation Quota at Delhi periphery | Total allocation at Delhi periphery |
|--|--------------------|--------------------|------------------|-------------------------------|-------------------------------------|--|-------------------------------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | (8)=(5)+(7) |
| NPC | | | | | | | |
| Narora APS | 440 | 64 | 47 | 41 | 0 | 0 | 41 |
| RAPP (C) | 440 | 64 | 56 | 49 | 0 | 0 | 49 |
| TOTAL | 880 | 128 | 103 | 89 | 0 | 0 | 89 |
| SVJNL | | | | | | | |
| Nathpa Jhakri HEP | 1500 | 149 | 142 | 135 | 0 | 0 | 135 |
| THDC | | | | | | | |
| Tehri Hydro | 1000 | 99 | 103 | 98 | 0 | 0 | 98 |
| Koteshwar HEP | 400 | 40 | 39 | 37 | 0 | 0 | 37 |
| TOTAL | 1400 | 139 | 142 | 135 | 0 | 0 | 135 |
| Total | 17627 | 1990 | 2731 | 2448 | 0 | 0 | 2448 |
| Allocation from ER and Tala HEP | | | | | | | |
| Farakka | 1600 | 0 | 22 | 19 | 0 | 0 | 19 |
| Kahalgaon | 840 | 0 | 51 | 43 | 0 | 0 | 43 |
| Talchar | 1000 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tala HEP | 1020 | 153 | 30 | 25 | 0 | 0 | 25 |
| Kahalgaon-II | 1500 | 0 | 157 | 131 | 0 | 0 | 131 |
| Total ER | 5960 | 153 | 261 | 217 | 0 | 0 | 217 |
| Joint Venture | | | | | | | |
| Jhajjar TPS | 1500 | 114 | 0 | 0 | 0 | 0 | 0 |
| Ultra Mega Projects | | | | | | | |
| Sasan | 3960 | 0 | 446 | 383 | 0 | 0 | 383 |
| Grand Total | 29047 | 2257 | 3437 | 3048 | 0 | 0 | 3048 |

13.2 ALLOCATION OF POWER TO DELHI DISCOMS FROM VARIOUS SOURCES

a) ALLOCATION OF POWER TO VARIOUS LICENCEES

i) ALLOCATION W.E.F. 01.04.2014 to 31.07.2014

(Allocation In %)

| SOURCES | LICENSEES | | | | | |
|-----------------------------------|-----------|--------|--------|--------|-------|--------|
| | BRPL | BYPL | NDPL | NDMC | MES | Total |
| Central Sector without Dadri (Th) | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | 100.00 |
| BTPS | 33.42 | 18.99 | 22.77 | 17.73 | 7.09 | 100.00 |
| RPH* | 44.42 | 25.27 | 30.31 | 0.00 | 0.00 | 100.00 |
| GT | 44.45 | 25.26 | 30.29 | 0.00 | 0.00 | 100.00 |
| PRAGATI | 30.98 | 17.61 | 21.11 | 30.30 | 0.00 | 100.00 |
| DADRI TH | 48.694 | 9.488 | 25.284 | 16.534 | 0.00 | 100.00 |
| Bawana | 31.130 | 18.000 | 21.750 | 7.300 | 1.820 | 80.00 |
| Singrauli | 19.76 | 49.56 | 30.68 | 0.00 | 0.000 | 100.00 |
| Sasan | 19.76 | 49.56 | 30.68 | 0.00 | 0.000 | 100.00 |
| Aravali Jhajjar | 57.89 | 11.43 | 30.68 | 0.00 | 0.000 | 100.00 |

- i) 1 MW allocated from unallocated quota from RPH to IP.
- ii) Allocation from Sasan and Singrauli has been revised w.e.f. 01.08.2014.
- iii) Haryana and Punjab each has 10% share in Bawana CCGT.

ii) ALLOCATION W.E.F. 01.08.2014 to 09.09.2014

(Allocation In %)

| SOURCES | LICENSEES | | | | | |
|-----------------------------------|-----------|--------|--------|--------|-------|--------|
| | BRPL | BYPL | NDPL | NDMC | MES | Total |
| Central Sector without Dadri (Th) | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | 100.00 |
| BTPS | 33.42 | 18.99 | 22.77 | 17.73 | 7.09 | 100.00 |
| RPH | 44.42 | 25.27 | 30.31 | 0.00 | 0.00 | 100.00 |
| GT | 44.45 | 25.26 | 30.29 | 0.00 | 0.00 | 100.00 |
| PRAGATI | 30.98 | 17.61 | 21.11 | 30.30 | 0.00 | 100.00 |
| DADRI TH | 48.694 | 9.488 | 25.284 | 16.534 | 0.00 | 100.00 |
| Bawana | 31.130 | 18.000 | 21.750 | 7.300 | 1.820 | 80.00 |
| Singrauli | 19.76 | 49.56 | 30.68 | 0.00 | 0.000 | 100.00 |
| Sasan | 19.76 | 49.56 | 30.68 | 0.00 | 0.000 | 100.00 |
| Aravali Jhajjar | 57.89 | 11.43 | 30.68 | 0.00 | 0.000 | 100.00 |

- i) 1 MW allocated from unallocated quota from RPH to IP.
- ii) Allocation from Sasan and Singrauli has been revised w.e.f. 01.08.2014.
- iii) Haryana and Punjab each has 10% share in Bawana CCGT.

iii) ALLOCATION W.E.F. 10.09.2014 to 01.10.2014

(Allocation In %)

| SOURCES | LICENSEES | | | | | |
|-----------------------------------|-----------|--------|--------|--------|-------|--------|
| | BRPL | BYPL | NDPL | NDMC | MES | Total |
| Central Sector without Dadri (Th) | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | 100.00 |
| BTPS | 33.42 | 18.99 | 22.77 | 17.73 | 7.09 | 100.00 |
| RPH | 44.42 | 25.27 | 30.31 | 0.00 | 0.00 | 100.00 |
| GT | 44.45 | 25.26 | 30.29 | 0.00 | 0.00 | 100.00 |
| PRAGATI | 30.98 | 17.61 | 21.11 | 30.30 | 0.00 | 100.00 |
| DADRI TH-I | 63.910 | 12.453 | 1.936 | 21.701 | 0.00 | 100.00 |
| Bawana | 31.130 | 18.000 | 21.750 | 7.300 | 1.820 | 80.00 |
| Singrauli | 19.76 | 49.56 | 30.68 | 0.00 | 0.000 | 100.00 |
| Sasan | 19.76 | 49.56 | 30.68 | 0.00 | 0.000 | 100.00 |
| Aravali Jhajjar | 57.89 | 11.43 | 30.68 | 0.00 | 0.000 | 100.00 |

- i) 1 MW allocated from unallocated quota from RPH to IP.
- ii) Allocation from Sasan and Singrauli has been revised w.e.f. 01.08.2014.
- iii) Haryana and Punjab each has 10% share in Bawana CCGT.

iv) ALLOCATION W.E.F. 02.10.2014 to 13.11.2014

(Allocation In %)

| SOURCES | LICENSEES | | | | | |
|-----------------------------------|-----------|--------|--------|--------|-------|--------|
| | BRPL | BYPL | NDPL | NDMC | MES | Total |
| Central Sector without Dadri (Th) | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | 100.00 |
| BTPS | 19.905 | 11.314 | 13.567 | 10.563 | 4.226 | 59.575 |
| RPH | 44.42 | 25.27 | 30.31 | 0.00 | 0.00 | 100.00 |
| GT | 44.45 | 25.26 | 30.29 | 0.00 | 0.00 | 100.00 |
| PRAGATI | 30.98 | 17.61 | 21.11 | 30.30 | 0.00 | 100.00 |
| DADRI TH-I | 63.910 | 12.453 | 1.936 | 21.701 | 0.00 | 100.00 |
| Bawana | 31.130 | 18.000 | 21.750 | 7.300 | 1.820 | 80.00 |
| Singrauli | 19.76 | 49.56 | 30.68 | 0.00 | 0.000 | 100.00 |
| Sasan** | 19.76 | 49.56 | 30.68 | 0.00 | 0.000 | 100.00 |
| Aravali Jhajjar | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.00 |

- i) 1 MW allocated from unallocated quota from RPH to IP
- ii) 285MW allocation from BTPS reallocated to Madhya Pradesh w.e.f. 01.10.14 to 25.12.14
- iii) Entire allocation of Aravali Jhajjar reallocated to other states.
- iv) Allocation from Sasan and Singrauli has been revised w.e.f. 01.08.2014.
- v) Haryana and Punjab each has 10% share in Bawana CCGT.

v) **ALLOCATION W.E.F. 14.11.2014 to 25.11.2014****(Allocation In %)**

| SOURCES | LICENSEES | | | | | |
|-----------------------------------|-----------|--------|--------|--------|-------|--------|
| | BRPL | BYPL | NDPL | NDMC | MES | Total |
| Central Sector without Dadri (Th) | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | 100.00 |
| BTPS | 19.905 | 11.314 | 13.567 | 10.563 | 4.226 | 59.575 |
| RPH | 44.42 | 25.27 | 30.31 | 0.00 | 0.00 | 100.00 |
| GT | 44.45 | 25.26 | 30.29 | 0.00 | 0.00 | 100.00 |
| Pragati | 30.98 | 17.61 | 21.11 | 30.30 | 0.00 | 100.00 |
| Dadri Th-I | 63.910 | 12.453 | 1.936 | 21.701 | 0.00 | 100.00 |
| Bawana | 31.130 | 18.000 | 21.750 | 7.300 | 1.820 | 80.00 |
| Singrauli | 19.76 | 49.56 | 30.68 | 0.00 | 0.000 | 100.00 |
| Sasan | 19.76 | 49.56 | 30.68 | 0.00 | 0.000 | 100.00 |
| Aravali Jhajjar | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.00 |
| Dadri Th-II | 34.138 | 39.386 | 26.476 | 0.00 | 0.000 | 100.00 |

- i) 1 MW allocated from unallocated quota from RPH to IP
- ii) 285MW allocation from BTPS reallocated to Madhya Pradesh w.e.f. 01.10.14 to 25.12.14
- iii) Entire allocation of Aravali Jhajjar reallocated to other states.
- iv) Allocation from Sasan and Singrauli has been revised w.e.f. 01.08.2014.
- v) Haryana and Punjab each has 10% share in Bawana CCGT.

vi) **ALLOCATION W.E.F. 26.12.2014to 31.03.2015****(Allocation In %)**

| SOURCES | LICENSEES | | | | | |
|-----------------------------------|-----------|--------|--------|--------|-------|--------|
| | BRPL | BYPL | NDPL | NDMC | MES | Total |
| Central Sector without Dadri (Th) | 43.92 | 25.40 | 30.68 | 0.00 | 0.00 | 100.00 |
| BTPS | 33.42 | 18.99 | 22.77 | 17.73 | 7.09 | 100.00 |
| RPH* | 44.42 | 25.27 | 30.31 | 0.00 | 0.00 | 100.00 |
| GT | 44.45 | 25.26 | 30.29 | 0.00 | 0.00 | 100.00 |
| Pragati | 30.98 | 17.61 | 21.11 | 30.30 | 0.00 | 100.00 |
| Dadri Th-I | 63.910 | 12.453 | 1.936 | 21.701 | 0.00 | 100.00 |
| Bawana | 31.130 | 18.000 | 21.750 | 7.300 | 1.820 | 80.00 |
| Singrauli | 19.76 | 49.56 | 30.68 | 0.00 | 0.000 | 100.00 |
| Sasan | 19.76 | 49.56 | 30.68 | 0.00 | 0.000 | 100.00 |
| Aravali Jhajjar | 0.00 | 0.00 | 0.00 | 0.00 | 0.000 | 0.00 |
| Dadri Th-II | 34.138 | 39.386 | 26.476 | 0.00 | 0.000 | 100.00 |

- i) **1 MW allocated from unallocated quota from RPH to IP**
- ii) **Entire allocation of Aravali Jhajjar reallocated to other states.**
- iii) Allocation from Sasan and Singrauli has been revised w.e.f. 01.08.2014.
- iv) Haryana and Punjab each has 10% share in Bawana CCGT.

14 DERC vide its letter no.F3(288)/Tariff/DERC/2011-12/3115/4054 dated 28.11.2014 revised the rates of inter discom transfer of surplus power as Indian Energy Exchange + 10Ps per unit.

14.1 Inter Discom Transfer of surplus power on day ahead basis @ Indian Exchange Rate + 10Ps per unit for 2014-15.

All figures in MU

| Months | BRPL Energy Sale to | | | | |
|--------|---------------------|----------|----------|----------|----------|
| | BYPL | MES | NDMC | TPDDL | Total |
| Apr-14 | 0.762500 | 0.000000 | 0.000000 | 0.000000 | 0.762500 |
| May-14 | 2.091087 | 0.000000 | 0.000000 | 0.000000 | 2.091087 |
| Jun-14 | 1.191428 | 0.000000 | 0.000000 | 0.000000 | 1.191428 |
| Jul-14 | 0.532548 | 0.000000 | 0.000000 | 0.000074 | 0.532621 |
| Aug-14 | 0.047669 | 0.000000 | 0.000000 | 0.000000 | 0.047669 |
| Sep-14 | 0.198570 | 0.132636 | 0.000000 | 0.151533 | 0.482739 |
| Oct-14 | 1.149622 | 0.000000 | 0.000000 | 0.000000 | 1.149622 |
| Nov-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Dec-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Jan-15 | 0.007500 | 0.000000 | 0.000000 | 0.000000 | 0.007500 |
| Feb-15 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Mar-15 | 0.881250 | 0.000000 | 0.000000 | 0.000000 | 0.881250 |
| Total | 6.862174 | 0.132636 | 0.000000 | 0.151607 | 7.146417 |

| Months | BYPL Energy Sale to | | | | |
|--------|---------------------|----------|----------|----------|----------|
| | BRPL | MES | NDMC | TPDDL | Total |
| Apr-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| May-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Jun-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Jul-14 | 0.140713 | 0.000000 | 0.000000 | 0.000000 | 0.140713 |
| Aug-14 | 0.239836 | 0.000000 | 0.000000 | 0.000000 | 0.239836 |
| Sep-14 | 0.163224 | 0.097620 | 0.000000 | 0.103212 | 0.364056 |
| Oct-14 | 0.146073 | 0.000000 | 0.000000 | 0.018307 | 0.164380 |
| Nov-14 | 0.049998 | 0.000000 | 0.000000 | 0.794535 | 0.844533 |
| Dec-14 | 0.211925 | 0.000000 | 0.000000 | 0.000000 | 0.211925 |
| Jan-15 | 0.365213 | 0.000000 | 0.000000 | 0.000000 | 0.365213 |
| Feb-15 | 0.860567 | 0.000000 | 0.000000 | 0.033078 | 0.893644 |
| Mar-15 | 0.287738 | 0.000000 | 0.000000 | 0.000000 | 0.287738 |
| Total | 2.465287 | 0.097620 | 0.000000 | 0.949132 | 3.512039 |

| Months | MES Energy Sale to | | | | |
|--------|--------------------|----------|----------|----------|----------|
| | BRPL | BYPL | NDMC | TPDDL | Total |
| Apr-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| May-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Jun-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Jul-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Aug-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Sep-14 | 0.082340 | 0.016372 | 0.000000 | 0.009888 | 0.108599 |
| Oct-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Nov-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Dec-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Jan-15 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Feb-15 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Mar-15 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Total | 0.082340 | 0.016372 | 0.000000 | 0.009888 | 0.108600 |

| Months | NDMC Energy Sale to | | | | |
|--------|---------------------|----------|----------|----------|----------|
| | BRPL | BYPL | MES | TPDDL | Total |
| Apr-14 | 0.000000 | 0.408750 | 0.000000 | 0.000000 | 0.408750 |
| May-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Jun-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Jul-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Aug-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Sep-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Oct-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Nov-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Dec-14 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Jan-15 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Feb-15 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Mar-15 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| Total | 0.000000 | 0.408750 | 0.000000 | 0.000000 | 0.408750 |

| Months | TPDDL Energy Sale to | | | | |
|--------|----------------------|-----------|----------|----------|------------|
| | BRPL | BYPL | MES | NDMC | Total |
| Apr-14 | 0.000000 | 0.172332 | 0.000000 | 0.000000 | 0.172332 |
| May-14 | 0.024305 | 13.925399 | 0.000000 | 0.000000 | 13.949703 |
| Jun-14 | 5.002602 | 36.948235 | 0.000000 | 0.000000 | 41.950836 |
| Jul-14 | 19.143751 | 19.805356 | 0.000000 | 0.000000 | 38.949107 |
| Aug-14 | 8.438519 | 3.603793 | 0.000000 | 0.000000 | 12.042312 |
| Sep-14 | 14.629604 | 10.347297 | 0.363637 | 0.018683 | 25.359221 |
| Oct-14 | 5.556838 | 6.873388 | 0.000000 | 0.000000 | 12.430226 |
| Nov-14 | 0.092639 | 0.616885 | 0.000000 | 0.000000 | 0.709524 |
| Dec-14 | 0.271014 | 0.170459 | 0.000000 | 0.000000 | 0.441473 |
| Jan-15 | 0.174756 | 0.075376 | 0.000000 | 0.000000 | 0.250132 |
| Feb-15 | 1.714489 | 0.084920 | 0.000000 | 0.000000 | 1.799409 |
| Mar-15 | 1.647445 | 0.001817 | 0.000000 | 0.000000 | 1.649262 |
| Total | 56.695962 | 92.625257 | 0.363637 | 0.018683 | 149.703539 |

14.2 Inter Discom Transfer of surplus power to avoid penallt on the basis of Actual Energy Meter data.

All figures in MU

| Months | Sale Energy To | | | | |
|--------------|-----------------|-----------------|-----------------|-----------------|------------------|
| | BRPL | TPDDL | NDMC | MES | Total(Mus) |
| Apr-14 | 0.030718 | 0.109461 | 0.118919 | 0.052010 | 0.311107 |
| May-14 | 0.018956 | 0.337165 | 0.317828 | 0.030360 | 0.704310 |
| Jun-14 | 0.079084 | 0.128706 | 0.442905 | 0.005683 | 0.656377 |
| Jul-14 | 0.878370 | 0.512097 | 2.012710 | 0.070087 | 3.473264 |
| Aug-14 | 1.151778 | 0.342502 | 1.525918 | 0.387501 | 3.407699 |
| Sep-14 | 2.293414 | 0.309581 | 0.297904 | 0.399295 | 3.300194 |
| Total | 4.452320 | 1.739512 | 4.716184 | 0.944936 | 11.852952 |

| Months | Sale Energy To | | | | |
|--------------|------------------|-----------------|-----------------|-----------------|------------------|
| | BYPL | TPDDL | NDMC | MES | Total(Mus) |
| Apr-14 | 1.385692 | 1.230664 | 0.095607 | 0.053790 | 2.765753 |
| May-14 | 5.857825 | 0.945013 | 2.190961 | 0.121563 | 9.115363 |
| Jun-14 | 16.019039 | 1.923751 | 5.182411 | 0.115551 | 23.240753 |
| Jul-14 | 0.680412 | 0.228100 | 2.191244 | 0.047745 | 3.147501 |
| Aug-14 | 0.094048 | 0.021271 | 0.278711 | 0.096838 | 0.490868 |
| Sep-14 | 0.098933 | 0.014581 | 0.006536 | 0.016281 | 0.136332 |
| Total | 24.135949 | 4.363380 | 9.945470 | 0.451768 | 38.896567 |

| Months | Sale Energy To | | | | |
|--------------|-----------------|-----------------|-----------------|-----------------|------------------|
| | BRPL | BYPL | NDMC | MES | Total(Mus) |
| Apr-14 | 0.093224 | 0.127605 | 0.008177 | 0.002274 | 0.231279 |
| May-14 | 1.224123 | 0.244947 | 0.418107 | 0.061737 | 1.948915 |
| Jun-14 | 2.529305 | 0.090463 | 0.484294 | 0.002745 | 3.106808 |
| Jul-14 | 1.615317 | 1.232000 | 1.361675 | 0.055589 | 4.264581 |
| Aug-14 | 0.209181 | 0.964791 | 0.360887 | 0.167490 | 1.702349 |
| Sep-14 | 0.257832 | 1.174062 | 0.164146 | 0.194979 | 1.791019 |
| Total | 5.928982 | 3.833868 | 2.797286 | 0.484814 | 13.044950 |

| Months | NDMC Sale Energy To | | | | |
|--------------|---------------------|-----------------|-----------------|-----------------|------------------|
| | BRPL | BYPL | TPDDL | MES | Total(Mus) |
| Apr-14 | 1.282345 | 0.081134 | 0.750242 | 0.009581 | 2.123301 |
| May-14 | 0.991675 | 0.110154 | 0.192015 | 0.012612 | 1.306457 |
| Jun-14 | 1.758627 | 0.147791 | 0.106075 | 0.000031 | 2.012524 |
| Jul-14 | 0.242589 | 0.328123 | 0.037759 | 0.004419 | 0.612889 |
| Aug-14 | 0.081325 | 0.318001 | 0.017654 | 0.019280 | 0.436260 |
| Sep-14 | 0.594291 | 3.349720 | 0.220218 | 0.257718 | 4.421948 |
| Total | 4.950852 | 4.334923 | 1.323963 | 0.303641 | 10.913379 |

| Months | MES Sale Energy To | | | | |
|--------------|--------------------|-----------------|-----------------|-----------------|-----------------|
| | BRPL | BYPL | TPDDL | NDMC | Total(Mus) |
| Apr-14 | 0.133070 | 0.016089 | 0.094086 | 0.014082 | 0.257327 |
| May-14 | 0.609017 | 0.021159 | 0.139298 | 0.032567 | 0.802041 |
| Jun-14 | 0.966841 | 0.043369 | 0.087899 | 0.166033 | 1.264142 |
| Jul-14 | 0.343465 | 0.268037 | 0.142830 | 0.191853 | 0.946185 |
| Aug-14 | 0.111826 | 0.258605 | 0.054371 | 0.082922 | 0.507724 |
| Sep-14 | 0.102466 | 0.211566 | 0.025038 | 0.025748 | 0.364817 |
| Total | 2.266685 | 0.818825 | 0.543522 | 0.513205 | 4.142237 |

15 IMPLEMENTATION OF INTRASTATE ABT IN DELHI

In the second phase of power reforms undertaken in Delhi, the power purchase agreements entered into by DESU/DVB/DTL have been reassigned to distribution licensees as per DERC order dated 31.03.2007. Intrastate ABT has also been introduced in Delhi from 01.04.2007. SLDC has started issuing UI bills from covering the period from 01.04.2007 on weekly basis. The Intrastate UI Pool Account is also operated by SLDC as per the DERC order. The details of Main meters used for ABT billing are as under :

15.1 For Intrastate (Meters provided by DTL) -As on 1/4/2015

| S.no. | Main Metering Points | | | | No. of meters as per beneficiary / utility (+) | Check metering points | | | No. of meters as per beneficiary / utility (+) | Number of meters Total |
|-------|----------------------|------------------|------------|------------|---|-----------------------|-----------|------------|---|---------------------------|
| | Discom | 220/66/33KV V | 11/6.6KV | TOTAL | | 220/66/33KV | 11/6.6KV | TOTAL | | |
| 1) | TPDDL | 60 | 36 | 96 | 81 | 53 | 0 | 53 | 45 | 126 |
| 2) | BRPL | 79 | 35 | 114 | 74 | 70 | 08 | 78 | 60 | 134 |
| 3) | BYPL | 68 | 22 | 90 | 53 | 64 | 1 | 65 | 48 | 101 |
| 4) | NDMC | 35 | 6 | 41 | 39 | 31 | 4 | 35 | 35 | 74 |
| 5) | MES | 8 | 8 | 16 | 15 | 8 | 7 | 15 | 15 | 30 |
| | TOTAL | 250 | 107 | 357 | 262 | 226 | 20 | 246 | 203 | 465 |
| | GRAND TOTAL | | | 603 | 465 | | | | | |

15.2 For Generating Stations (Meters provided by DTL)

| Sr. No. | Station | Metering points (feeders) | Main | Check |
|---------|--------------|---------------------------|---|---|
| | | | Nos. of meters as per beneficiary utility | Nos. of meters as per beneficiary utility |
| 01 | PPCL BWN | 0 | 4 | 4 |
| 02 | RPH | 12 | 2 | 2 |
| 03 | G.T. | 8 | 2 | 2 |
| 04 | Pragati | 3 | 3 | - |
| 05 | BTPS | 6 | 6 | 6 |
| | TOTAL | 29 | 17 | 14 |

- a) No. of Meters involved for Intrastate = 262 (M)+ 203 (C)+26 (Local TX.)
ABT billing with DISCOMs
- b) No of Meters involved for UI billing of Genco= 18 (M)+ 14 (C)
- c) Overall meters dealt by DTL = 523

15.3 For Interstate (Meters provided by NRLDC)

| S. N. | Details | Main | Stand by / check |
|-------|---|------|------------------|
| 01 | Nos. of meters to compute input from the Grid to DTL system | 38 | 38 |
| | Total | | 76 |

15.4 The details of the DSM Transactions for 2014-15 at Intrastate Level are as under

:

15.4.1 DSM Transactions of TPDDL

| Month | Scheduled drawal in Mus | Actual drawal in MUs in Mus | UI Energy in Mus | UI amount as per Intrastate UI account in Rs. Lacs | Adjusted UI Amount to equivate the same with Interstate UI Issued by NRPC for the state Delhi as a whole in Rs. Lacs | Additional UI Amount in Rs. Lacs | Difference in UI Capp Amount in Rs. Lacs | Net UI Amount in Rs. Lacs | Avg. cost in Ps/ Unit |
|--------------|-------------------------|-----------------------------|-------------------|--|--|----------------------------------|--|---------------------------|-----------------------|
| Apr-14 | 617.969346 | 625.479493 | 7.510147 | 317.56417 | 258.46230 | 50.42903 | 67.10860 | 375.99994 | 500.66 |
| May-14 | 794.014039 | 780.289767 | -13.724272 | -57.47213 | -203.76206 | 193.61404 | 57.29218 | 47.14416 | -34.35 |
| Jun-14 | 905.625947 | 892.890909 | -12.735038 | -171.29111 | -382.09527 | 234.72978 | 52.12685 | -95.23863 | 74.78 |
| Jul-14 | 947.482747 | 923.825748 | -23.656999 | -334.40304 | -654.07770 | 411.39613 | 42.72485 | -199.95672 | 84.52 |
| Aug-14 | 914.561647 | 905.975670 | -8.585977 | -34.65791 | -175.16324 | 154.36077 | 86.50300 | 65.70054 | -76.52 |
| Sep-14 | 819.299332 | 815.261490 | -4.037842 | -41.94099 | -104.06215 | 62.01319 | 49.42941 | 7.38045 | -18.28 |
| Oct-14 | 686.093362 | 682.319295 | -3.774067 | 35.87750 | -23.22175 | 67.56633 | 30.25888 | 74.60346 | -197.67 |
| Nov-14 | 545.295250 | 541.695144 | -3.600106 | -3.55593 | -19.17108 | 17.32985 | 6.25490 | 4.41367 | -12.26 |
| Dec-14 | 581.924710 | 576.317068 | -5.607642 | 61.96125 | 56.25025 | 31.34680 | 28.53187 | 116.12891 | -207.09 |
| Jan-15 | 599.978091 | 602.971111 | 2.993020 | 221.98789 | 190.21632 | 18.94523 | 75.71691 | 284.87846 | 951.81 |
| Feb-15 | 523.839741 | 517.733113 | -6.106628 | -28.21032 | -87.81542 | 43.48963 | 9.94415 | -34.38164 | 56.30 |
| Mar-15 | 554.494786 | 559.513547 | 5.018761 | 191.60805 | 182.03813 | 17.93783 | 48.45848 | 248.43444 | 495.01 |
| Total | 8490.578998 | 8424.272355 | -66.306643 | 157.46745 | -962.40166 | 1303.15861 | 554.35009 | 895.10704 | -135.00 |

Note :

i) (-)ve indicates amount receivable by the Utility

ii) (+)ve indicates amount payable by the Utility.

iii) The above UI / DSM accounts are subject to change if accounts are revised by NRPC due to any reason.

15.4.2 DSM Transactions of BRPL

| Month | Scheduled drawal in Mus | Actual drawal in MUs in Mus | UI Energy in Mus | UI amount as per Intrastate UI account in Rs. Lacs | Adjusted UI Amount to equivate the same with Interstate UI Issued by NRPC for the state Delhi as a whole in Rs. Lacs | Addition al UI Amount in Rs. Lacs | Differenc e in UI Capp Amount in Rs. Lacs | Net UI Amount in Rs. Lacs | Avg. cost in Ps/ Unit |
|--------------|-------------------------|-----------------------------|--------------------|--|--|-----------------------------------|---|---------------------------|-----------------------|
| Apr-14 | 846.562844 | 855.591069 | 9.028226 | 427.43757 | 315.88739 | 73.40262 | 67.70814 | 456.99815 | 506.19 |
| May-14 | 1134.584282 | 1151.737855 | 17.153572 | 810.29727 | 653.61579 | 106.85538 | 250.56966 | 1011.04083 | 589.41 |
| Jun-14 | 1311.276552 | 1340.562218 | 29.285666 | 1262.46138 | 1094.56696 | 166.95010 | 498.69041 | 1760.20748 | 601.05 |
| Jul-14 | 1400.932234 | 1369.705854 | -31.226381 | -100.39330 | -543.80074 | 583.82562 | 154.03844 | 194.06333 | -62.15 |
| Aug-14 | 1355.095616 | 1327.788317 | -27.307299 | -380.60472 | -724.82781 | 350.02895 | 81.43904 | -293.35982 | 107.43 |
| Sep-14 | 1161.881831 | 1145.009081 | -16.872750 | -261.44445 | -401.07025 | 148.48131 | 27.33196 | -225.25698 | 133.50 |
| Oct-14 | 949.850767 | 947.846327 | -2.004440 | 14.39746 | -100.07011 | 127.76380 | 37.60924 | 65.30294 | -325.79 |
| Nov-14 | 701.474178 | 687.641186 | -13.832992 | -82.37308 | -157.61203 | 82.07532 | 22.56910 | -52.96761 | 38.29 |
| Dec-14 | 806.455997 | 771.458220 | -34.997777 | -180.15643 | -445.89173 | 407.28080 | 100.61105 | 62.00011 | -17.72 |
| Jan-15 | 873.963930 | 848.922720 | -25.041210 | -353.81941 | -637.98202 | 226.39622 | 24.50565 | -387.08014 | 154.58 |
| Feb-15 | 663.477035 | 660.585102 | -2.891933 | 79.89345 | -6.16706 | 63.22392 | 38.15047 | 95.20733 | -329.22 |
| Mar-15 | 718.704055 | 716.911149 | -1.792906 | 145.33070 | 66.28182 | 51.43694 | 61.12822 | 178.84698 | -997.53 |
| Total | 11924.259322 | 11823.759097 | -100.500225 | 1381.02642 | -887.06977 | 2387.7210 | 1364.35138 | 2865.00261 | -285.07 |

Note :

- i) (-)ve indicates amount receivable by the Utility
- ii) (+)ve indicates amount payable by the Utility.
- iii) The above UI / DSM accounts are subject to change if accounts are revised by NRPC due to any reason

15.4.3 DSM Transactions of BYPL

| Month | Scheduled drawal in Mus | Actual drawal in MUs in Mus | UI Energy in Mus | UI amount as per Intrastate UI account in Rs. Lacs | Adjusted UI Amount to equivate the same with Interstate UI Issued by NRPC for the state Delhi as a whole in Rs. Lacs | Additional UI Amount in Rs. Lacs | Difference in UI Capp Amount in Rs. Lacs | Net UI Amount in Rs. Lacs | Avg. cost in Ps/ Unit |
|--------------|-------------------------|-----------------------------|------------------|--|--|----------------------------------|--|---------------------------|-----------------------|
| Apr-14 | 516.234846 | 492.490231 | - 23.744615 | -321.37627 | -627.46170 | 285.11796 | 26.50509 | -315.83864 | 133.01 |
| May-14 | 695.221758 | 656.941038 | - 38.280720 | -510.48898 | -961.38380 | 432.66039 | 41.56360 | -487.15980 | 127.26 |
| Jun-14 | 800.883253 | 747.606103 | - 53.277150 | -725.99131 | -1646.87017 | 998.14311 | 36.36365 | -612.36342 | 114.94 |
| Jul-14 | 791.401728 | 778.291612 | - 13.110116 | -139.01371 | -291.57859 | 255.79377 | 49.95798 | 14.17317 | -10.81 |
| Aug-14 | 743.801953 | 753.212216 | 9.410263 | 454.47563 | 405.20959 | 54.21397 | 128.72926 | 588.15282 | 625.01 |
| Sep-14 | 630.139509 | 658.668128 | 28.528620 | 829.29040 | 817.48388 | 9.72085 | 268.88583 | 1096.09057 | 384.21 |
| Oct-14 | 540.239165 | 552.038289 | 11.799124 | 406.08982 | 400.84671 | 16.51100 | 87.66032 | 505.01804 | 428.01 |
| Nov-14 | 383.725347 | 399.268361 | 15.543014 | 334.19901 | 347.13026 | 5.73763 | 38.81659 | 391.68449 | 252.00 |
| Dec-14 | 410.598303 | 426.806998 | 16.208695 | 427.42640 | 477.20929 | 10.77534 | 121.35456 | 609.33919 | 375.93 |
| Jan-15 | 439.926100 | 462.087747 | 22.161647 | 463.39446 | 405.90119 | 7.14583 | 73.01632 | 486.06334 | 219.33 |
| Feb-15 | 365.525900 | 375.319311 | 9.793411 | 200.47145 | 169.90883 | 3.48979 | 15.63105 | 189.02966 | 193.02 |
| Mar-15 | 386.269226 | 414.380230 | 28.111004 | 678.56692 | 643.06993 | 1.12590 | 152.21128 | 796.40710 | 283.31 |
| Total | 6703.967087 | 6717.110265 | 13.143177 | 2097.04383 | 139.46544 | 2080.43556 | 1040.69552 | 3260.59652 | 2480.83 |

Note :

- i) (-)ve indicates amount receivable by the Utility
- ii) (+)ve indicates amount payable by the Utility.
- iii) The above UI / DSM accounts are subject to change if accounts are revised by NRPC due to any reason

15.4.4 DSM Transactions of NDMC

| Month | Scheduled drawal in Mus | Actual drawal in MUs in Mus | UI Energy in Mus | UI amount as per Intrastate UI account in Rs. Lacs | Adjusted UI Amount to equivate the same with Interstate UI Issued by NRPC for the state Delhi as a whole in Rs. Lacs | Additional UI Amount in Rs. Lacs | Difference in UI Capp Amount in Rs. Lacs | Net UI Amount in Rs. Lacs | Avg. cost in Ps/ Unit |
|--------------|-------------------------|-----------------------------|--------------------|--|--|----------------------------------|--|---------------------------|-----------------------|
| Apr-14 | 114.756501 | 102.165444 | -12.591056 | -132.52513 | -372.49615 | 231.65307 | 22.74437 | -118.09872 | 93.80 |
| May-14 | 139.888843 | 136.149920 | -3.738923 | 61.66990 | 89.68143 | 50.03066 | 32.31831 | 172.03039 | -460.11 |
| Jun-14 | 158.923934 | 158.031431 | -0.892503 | 225.11626 | 142.25785 | 105.44861 | 111.60929 | 359.31574 | -4025.93 |
| Jul-14 | 162.056691 | 164.194889 | 2.138198 | 264.12131 | 302.31874 | 51.53315 | 128.62931 | 482.48120 | 2256.49 |
| Aug-14 | 153.930416 | 157.399161 | 3.468745 | 205.64928 | 181.05253 | 35.22465 | 115.09807 | 331.37525 | 955.32 |
| Sep-14 | 149.305650 | 139.830934 | -9.474716 | -103.15176 | -259.98929 | 156.42622 | 37.62439 | -65.93867 | 69.59 |
| Oct-14 | 141.021948 | 113.899987 | -27.121961 | -282.69972 | -653.26893 | 381.12563 | 6.52727 | -265.61603 | 97.93 |
| Nov-14 | 115.522115 | 85.966218 | -29.555897 | -218.32832 | -519.00837 | 319.03295 | 2.98882 | -196.98659 | 66.65 |
| Dec-14 | 109.718420 | 97.857398 | -11.861022 | -81.59137 | -146.09131 | 105.26851 | 17.64518 | -23.17761 | 19.54 |
| Jan-15 | 120.456948 | 110.691826 | -9.765122 | -54.79288 | -138.60796 | 74.38192 | 12.29754 | -51.92851 | 53.18 |
| Feb-15 | 91.659093 | 82.839286 | -8.819807 | -82.25593 | -171.42608 | 71.47923 | 2.84379 | -97.10306 | 110.10 |
| Mar-15 | 89.855690 | 87.635596 | -2.220095 | 23.07630 | -22.64406 | 27.13263 | 25.03391 | 29.52248 | -132.98 |
| Total | 1547.096249 | 1436.662091 | -110.434159 | -175.71208 | -1568.22161 | 1608.73722 | 515.36025 | 555.87586 | -50.34 |

Note :

- i) (-)ve indicates amount receivable by the Utility
- ii) (+)ve indicates amount payable by the Utility.
- iii) The above UI / DSM accounts are subject to change if accounts are revised by NRPC due to any reason

15.4.5 DSM Transactions of MES

| Month | Schedule drawal in Mus | Actual drawal in MUs in Mus | UI Energy in Mus | UI amount as per Intrastate UI account in Rs. Lacs | Adjusted UI Amount to equivate the same with Interstate UI Issued by NRPC for the state Delhi as a whole in Rs. Lacs | Additional UI Amount in Rs. Lacs | Difference in UI Capp Amount in Rs. Lacs | Net UI Amount in Rs. Lacs | Avg. cost in Ps/ Unit |
|--------------|------------------------|-----------------------------|------------------|--|--|----------------------------------|--|---------------------------|-----------------------|
| Apr-14 | 17.798769 | 16.182701 | -1.616068 | -18.97296 | -46.80421 | 22.89285 | 6.07256 | -17.83880 | 110.38 |
| May-14 | 23.063330 | 20.564510 | -2.498820 | -26.89023 | -56.83305 | 26.82107 | 4.67183 | -25.34015 | 101.41 |
| Jun-14 | 26.578934 | 23.769128 | -2.809806 | -43.66378 | -84.51873 | 41.15454 | 3.65059 | -39.71360 | 141.34 |
| Jul-14 | 28.368063 | 25.044768 | -3.323295 | -38.99804 | -87.66425 | 54.79250 | 8.57255 | -24.29920 | 73.12 |
| Aug-14 | 26.025534 | 24.210791 | -1.814743 | 6.37307 | -42.25878 | 53.57653 | 31.35310 | 42.67085 | -235.13 |
| Sep-14 | 19.623174 | 20.964017 | 1.340843 | 51.03806 | 40.63791 | 10.45683 | 31.76087 | 82.85562 | 617.94 |
| Oct-14 | 16.503949 | 17.178885 | 0.674936 | 33.68378 | 29.57340 | 5.16244 | 11.70495 | 46.44079 | 688.08 |
| Nov-14 | 13.968342 | 14.778250 | 0.809908 | 30.19158 | 27.03271 | 5.50176 | 18.30542 | 50.83989 | 627.72 |
| Dec-14 | 17.381378 | 21.804067 | 4.422689 | 148.27999 | 294.43055 | 1.26473 | 106.28202 | 401.97729 | 908.90 |
| Jan-15 | 22.310014 | 27.132577 | 4.822563 | 129.59873 | 119.20712 | 0.50696 | 82.94686 | 202.66094 | 420.23 |
| Feb-15 | 13.738385 | 16.670030 | 2.931645 | 63.55070 | 51.64864 | 0.96482 | 39.05395 | 91.66742 | 312.68 |
| Mar-15 | 12.349272 | 15.662953 | 3.313681 | 87.60667 | 82.27731 | 1.11355 | 63.88352 | 147.27438 | 444.44 |
| Total | 237.709145 | 243.962677 | 6.253532 | 421.79757 | 326.72863 | 224.20856 | 408.25823 | 959.19542 | 1533.85 |

Note :

- i) (-)ve indicates amount receivable by the Utility
- ii) (+)ve indicates amount payable by the Utility.
- iii) The above UI / DSM accounts are subject to change if accounts are revised by NRPC due to any reason

15.4.6 DSM Transactions of IP

| Month | Schedule drawal in Mus | Actual drawal in MUs in Mus | UI Energy in Mus | UI amount as per Intrastate UI account in Rs. Lacs | Adjusted UI Amount to equivate the same with Interstate UI Issued by NRPC for the state Delhi as a whole in Rs. Lacs | Additional UI Amount in Rs. Lacs | Difference in UI Capp Amount in Rs. Lacs | Net UI Amount in Rs. Lacs | Avg. cost in Ps/ Unit |
|--------------|------------------------|-----------------------------|------------------|--|--|----------------------------------|--|---------------------------|-----------------------|
| Apr-14 | 0.720000 | 0.017929 | -0.702071 | -20.65537 | -30.37952 | 18.05972 | 0.33828 | -11.98152 | 170.66 |
| May-14 | 0.744000 | 0.066868 | -0.677132 | -16.30887 | -17.35442 | 14.08460 | 0.73173 | -2.53809 | 37.48 |
| Jun-14 | 0.720000 | 0.139165 | -0.580835 | -18.74985 | -19.21426 | 15.89843 | 0.28324 | -3.03260 | 52.21 |
| Jul-14 | 0.744000 | 0.112651 | -0.631349 | -20.33771 | -19.29046 | 17.40107 | 0.33622 | -1.55317 | 24.60 |
| Aug-14 | 0.744000 | 0.107140 | -0.636860 | -21.59347 | -24.11946 | 18.50554 | 0.19002 | -5.42390 | 85.17 |
| Sep-14 | 0.720000 | 0.089547 | -0.630453 | -18.00973 | -17.41823 | 15.50047 | 0.22106 | -1.69670 | 26.91 |
| Oct-14 | 0.744000 | 0.047517 | -0.696483 | -17.81223 | -17.63604 | 15.49060 | 0.41935 | -1.72610 | 24.78 |
| Nov-14 | 0.720000 | 0.037734 | -0.682266 | -12.86277 | -12.55647 | 11.21411 | 0.72942 | -0.61294 | 8.98 |
| Dec-14 | 0.744000 | 0.038104 | -0.705896 | -15.89303 | -13.39045 | 13.83248 | 0.89328 | 1.33530 | -18.92 |
| Jan-15 | 0.744000 | 0.086105 | -0.657895 | -13.54400 | -15.75194 | 11.66102 | 0.80297 | -3.28795 | 49.98 |
| Feb-15 | 0.672000 | 0.071248 | -0.600752 | -11.06356 | -12.38763 | 9.55316 | 0.43588 | -2.39860 | 39.93 |
| Mar-15 | 0.744000 | 0.070222 | -0.673778 | -15.12929 | -26.55997 | 13.08462 | 0.46578 | -13.00958 | 193.08 |
| Total | 8.760000 | 0.884230 | -7.875770 | -201.95988 | -226.05885 | 174.28580 | 5.84721 | -45.92583 | 58.31 |

Note :

- i) (-)ve indicates amount receivable by the Utility
- ii) (+)ve indicates amount payable by the Utility.
- iii) The above UI / DSM accounts are subject to change if accounts are revised by NRPC due to any reason

15.4.7 DSM Transactions of RPH

| Month | Scheduled drawal in Mus | Actual drawal in MUs in Mus | UI Energy in Mus | UI amount as per Intrastate UI account in Rs. Lacs | Adjusted UI Amount to equivate the same with Interstate UI Issued by NRPC for the state Delhi as a whole in Rs. Lacs | Addition al UI Amount in Rs. Lacs | Difference in UI Capp Amount in Rs. Lacs | Net UI Amount in Rs. Lacs | Avg. cost in Ps/ Unit |
|--------------|-------------------------|-----------------------------|-------------------|--|--|-----------------------------------|--|---------------------------|-----------------------|
| Apr-14 | 74.050583 | 74.384204 | 0.333620 | -1.78379 | -2.65146 | 0.43534 | 2.88229 | 0.66618 | 19.97 |
| May-14 | 87.755327 | 88.116826 | 0.361499 | -0.69670 | -1.24071 | 1.00497 | 1.90236 | 1.66662 | 46.10 |
| Jun-14 | 94.104153 | 94.729640 | 0.625488 | -12.79826 | 7.03134 | 4.58064 | 13.57344 | 25.18542 | 402.65 |
| Jul-14 | 108.615833 | 1.333928 | -26.585369 | -12.27565 | 5.59285 | 7.22722 | 0.54442 | 0.00000 | 0.00 |
| Aug-14 | 68.433750 | 69.345920 | 0.912170 | -16.56428 | -19.84185 | 3.67800 | 8.90788 | -7.25597 | -79.55 |
| Sep-14 | 77.596543 | 78.066060 | 0.469517 | -4.43420 | -4.39602 | 0.67701 | 4.06524 | 0.34624 | 7.37 |
| Oct-14 | 66.546750 | 67.771093 | 1.224343 | -29.01402 | -28.23164 | 1.52382 | 0.26387 | -26.44395 | -215.98 |
| Nov-14 | 55.709750 | 56.663868 | 0.954118 | -14.31528 | -13.92968 | 4.33627 | 1.30698 | -8.28644 | -86.85 |
| Dec-14 | 57.312500 | 57.921110 | 0.608610 | -16.58610 | -13.95553 | 3.08310 | 0.78451 | -10.08793 | -165.75 |
| Jan-15 | 93.644750 | 94.134261 | 0.489511 | -10.66465 | -13.43761 | 0.76310 | 0.91010 | -11.76441 | -240.33 |
| Feb-15 | 57.063550 | 57.580468 | 0.516918 | -8.80061 | -10.60671 | 0.57587 | 0.42049 | -9.61036 | -185.92 |
| Mar-15 | 56.579167 | 56.932025 | 0.352858 | -4.98779 | -11.16048 | 1.27166 | 1.28116 | -8.60765 | -243.94 |
| Total | 897.412655 | 796.979403 | -19.736716 | -132.92133 | -106.82749 | 29.15699 | 36.84273 | -54.19225 | 27.46 |

Note :

- i) (-)ve indicates amount receivable by the Utility
- ii) (+)ve indicates amount payable by the Utility.
- iii) The above UI / DSM accounts are subject to change if accounts are revised by NRPC due to any reason

15.4.8 DSM Transactions of GT

| Month | Schedule drawal in Mus | Actual drawal in MUs in Mus | UI Energy in Mus | UI amount as per Intrastate UI account in Rs. Lacs | Adjusted UI Amount to equivate the same with Interstate UI Issued by NRPC for the state Delhi as a whole in Rs. Lacs | Addition al UI Amount in Rs. Lacs | Difference in UI Capp Amount in Rs. Lacs | Net UI Amount in Rs. Lacs | Avg. cost in Ps/ Unit |
|--------------|------------------------|-----------------------------|------------------|--|--|-----------------------------------|--|---------------------------|-----------------------|
| Apr-14 | 31.944750 | 32.141183 | 0.196433 | -4.22445 | -17.65468 | 4.41065 | 4.04204 | -9.20199 | -468.45 |
| May-14 | 55.491749 | 55.376239 | -0.115510 | 5.90682 | 6.09157 | -0.12765 | 8.16515 | 14.12907 | -1223.19 |
| Jun-14 | 64.415500 | 64.771999 | 0.356499 | -16.86598 | -14.21572 | 7.29528 | 2.90628 | -4.01416 | -112.60 |
| Jul-14 | 51.321250 | 51.690319 | 0.369069 | -15.92964 | -7.01742 | 8.19421 | 4.68502 | 5.86180 | 158.83 |
| Aug-14 | 41.407500 | 41.637805 | 0.230305 | -13.52177 | -15.43312 | 8.98845 | 2.90969 | -3.53499 | -153.49 |
| Sep-14 | 44.788750 | 44.663544 | -0.125206 | 3.60824 | 5.18135 | 2.63107 | 7.87698 | 15.68940 | -1253.09 |
| Oct-14 | -0.920750 | -0.637858 | 0.282892 | -7.42230 | -7.30184 | 6.81809 | 0.85637 | 0.37261 | 13.17 |
| Nov-14 | -0.873000 | -0.415953 | 0.457047 | -9.48324 | -9.32893 | 7.82290 | 0.48496 | -1.02107 | -22.34 |
| Dec-14 | -0.937500 | -0.515144 | 0.422356 | -11.16838 | -9.50974 | 9.14505 | 0.38813 | 0.02344 | 0.55 |
| Jan-15 | 24.620250 | 24.762003 | 0.141753 | -7.22621 | -7.30323 | 3.76387 | 7.95824 | 4.41889 | 311.73 |
| Feb-15 | 22.323250 | 22.747438 | 0.424188 | -7.75056 | -9.23348 | 2.26079 | 3.88831 | -3.08438 | -72.71 |
| Mar-15 | 20.768750 | 21.389788 | 0.621038 | -14.39293 | -24.64959 | 10.95596 | 7.53040 | -6.16323 | -99.24 |
| Total | 354.350499 | 357.611363 | 3.260864 | -98.47038 | -110.37483 | 72.15865 | 51.69157 | 13.47539 | 41.32 |

Note :

- i) (-)ve indicates amount receivable by the Utility
- ii) (+)ve indicates amount payable by the Utility.
- iii) The above UI / DSM accounts are subject to change if accounts are revised by NRPC due to any reason

15.4.9 DSM Transactions of Pragati

| Month | Scheduled drawal in Mus | Actual drawal in MUs in Mus | UI Energy in Mus | UI amount as per Intrastate UI account in Rs. Lacs | Adjusted UI Amount to equivate the same with Interstate UI Issued by NRPC for the state Delhi as a whole in Rs. Lacs | Addition al UI Amount in Rs. Lacs | Difference in UI Capp Amount in Rs. Lacs | Net UI Amount in Rs. Lacs | Avg. cost in Ps/ Unit |
|--------------|-------------------------|-----------------------------|------------------|--|--|-----------------------------------|--|---------------------------|-----------------------|
| Apr-14 | 108.941500 | 108.523020 | -0.418480 | 16.71188 | 13.45747 | 1.32303 | 9.44125 | 24.22175 | -578.80 |
| May-14 | 84.214360 | 83.944086 | -0.270274 | 17.56072 | 29.58152 | 0.58383 | 4.53013 | 34.69548 | -1283.72 |
| Jun-14 | 135.832675 | 135.800304 | -0.032371 | 5.77147 | 30.27042 | 3.86742 | 8.82617 | 42.96402 | -13272.38 |
| Jul-14 | 210.228510 | 210.186132 | -0.042378 | 12.33805 | 20.51310 | 3.40500 | 20.76462 | 44.68272 | -10543.85 |
| Aug-14 | 203.642431 | 203.589666 | -0.052765 | 8.57658 | 7.14915 | 1.75497 | 15.74488 | 24.64901 | -4671.45 |
| Sep-14 | 201.579420 | 201.766434 | 0.187014 | -5.64712 | -5.63360 | 0.00000 | 1.30353 | -4.33006 | -231.54 |
| Oct-14 | 203.709500 | 204.028032 | 0.318532 | -10.15083 | -10.13953 | 0.00000 | 0.14849 | -9.99103 | -313.66 |
| Nov-14 | 136.331750 | 136.674660 | 0.342910 | -7.42929 | -6.91368 | 0.00000 | 1.23241 | -5.68127 | -165.68 |
| Dec-14 | 141.062000 | 141.604692 | 0.542692 | -12.57658 | -7.47129 | 0.44742 | 10.84442 | 3.82054 | 70.40 |
| Jan-15 | 136.312000 | 137.039190 | 0.727190 | -17.97561 | -20.88026 | 7.52127 | 1.65729 | -11.70170 | -160.92 |
| Feb-15 | 110.619250 | 110.826630 | 0.207380 | -4.49753 | -5.23404 | 0.00994 | 0.18304 | -5.04107 | -243.08 |
| Mar-15 | 125.057500 | 125.261754 | 0.204254 | -2.30865 | -7.29333 | 0.78746 | 1.93300 | -4.57288 | -223.88 |
| Total | 1797.530896 | 1799.244600 | 1.713704 | 0.37311 | 37.40594 | 19.70034 | 76.60923 | 133.71551 | 780.27 |

Note :

- i) (-)ve indicates amount receivable by the Utility
- ii) (+)ve indicates amount payable by the Utility.
- iii) The above UI / DSM accounts are subject to change if accounts are revised by NRPC due to any reason

15.4.10 DSM Transactions of BTPS

| Month | Scheduled drawal in Mus | Actual drawal in MUs in Mus | UI Energy in Mus | UI amount as per Intrastate UI account in Rs. Lacs | Adjusted UI Amount to equivate the same with Interstate UI Issued by NRPC for the state Delhi as a whole in Rs. Lacs | Additional UI Amount in Rs. Lacs | Difference in UI Capp Amount in Rs. Lacs | Net UI Amount in Rs. Lacs | Avg. cost in Ps/ Unit |
|--------------|-------------------------|-----------------------------|-------------------|--|--|----------------------------------|--|---------------------------|-----------------------|
| Apr-14 | 240.136750 | 237.734154 | -2.402596 | 65.79295 | 78.09180 | 23.66186 | 2.02961 | 103.78327 | -431.96 |
| May-14 | 329.675750 | 329.189496 | -0.486254 | 1.42995 | 32.65512 | 13.09536 | 2.20512 | 47.95561 | -986.23 |
| Jun-14 | 388.154250 | 384.046903 | -4.107347 | 131.74600 | 179.70356 | -43.63096 | 6.71422 | 142.78682 | -347.64 |
| Jul-14 | 364.972500 | 362.677980 | -2.294520 | 57.29776 | 149.89733 | -11.76198 | 2.86038 | 140.99573 | -614.49 |
| Aug-14 | 263.317750 | 258.085812 | -5.231938 | 174.75261 | 206.55027 | -49.26964 | 8.55984 | 165.84047 | -316.98 |
| Sep-14 | 216.106886 | 209.853307 | -6.253579 | 173.12004 | 179.71324 | -39.91429 | 4.85010 | 144.64905 | -231.31 |
| Oct-14 | 290.733750 | 286.979500 | -3.754250 | 112.71829 | 143.39503 | -28.28041 | 1.80657 | 116.92118 | -311.44 |
| Nov-14 | 229.101000 | 226.679700 | -2.421300 | 46.93942 | 58.65538 | -4.02334 | 2.60380 | 57.23584 | -236.38 |
| Dec-14 | 186.786250 | 186.234168 | -0.552082 | 9.90599 | 15.59593 | 0.91377 | 9.68503 | 26.19473 | -474.47 |
| Jan-15 | 221.135500 | 218.626476 | -2.509024 | 65.80698 | 59.51636 | -13.62866 | 3.67278 | 49.56049 | -197.53 |
| Feb-15 | 107.520000 | 107.932620 | 0.412620 | -12.50774 | -14.45825 | 2.45673 | 0.01166 | -11.98987 | -290.58 |
| Mar-15 | 127.590750 | 125.318710 | -2.272040 | 83.99979 | 81.57362 | -31.48954 | 39.32615 | 89.41023 | -393.52 |
| Total | 2965.231136 | 2933.358826 | -31.872310 | 911.00204 | 1170.88940 | -181.87111 | 84.32527 | 1073.34356 | -336.76 |

Note :

- i) (-)ve indicates amount receivable by the Utility
- ii) (+)ve indicates amount payable by the Utility.
- iii) The above UI / DSM accounts are subject to change if accounts are revised by NRPC due to any reason

15.4.11 DSM Transactions of BTPS

| Month | Scheduled drawal in Mus | Actual drawal in MUs in Mus | UI Energy in Mus | UI amount as per Intrastate UI account in Rs. Lacs | Adjusted UI Amount to equivate the same with Interstate UI Issued by NRPC for the state Delhi as a whole in Rs. Lacs | Additional UI Amount in Rs. Lacs | Difference in UI Capp Amount in Rs. Lacs | Net UI Amount in Rs. Lacs | Avg. cost in Ps/ Unit |
|--------------|-------------------------|-----------------------------|------------------|--|--|----------------------------------|--|---------------------------|-----------------------|
| Apr-14 | 2.750750 | 2.083967 | -0.666783 | 14.47295 | 16.54204 | 15.35004 | 28.73280 | 60.62488 | -909.22 |
| May-14 | 44.365500 | 44.946318 | 0.580818 | -36.00099 | -38.67076 | 37.88574 | 7.89401 | 7.10899 | 122.40 |
| Jun-14 | 155.382438 | 157.116324 | 1.733887 | -133.84741 | -136.35364 | 43.76276 | 16.19146 | -76.39942 | -440.63 |
| Jul-14 | 184.136750 | 185.753647 | 1.616897 | -99.04965 | -91.46114 | 4.22348 | 4.77266 | -82.46500 | -510.02 |
| Aug-14 | 251.212750 | 251.714554 | 0.501804 | -43.06610 | -46.99397 | 6.57596 | 21.38753 | -19.03049 | -379.24 |
| Sep-14 | 202.087000 | 203.043710 | 0.956710 | -56.08092 | -59.01690 | 0.20089 | 9.32710 | -49.48891 | -517.28 |
| Oct-14 | 264.201250 | 266.316225 | 2.114975 | -88.08077 | -86.86972 | 0.31322 | 1.90836 | -84.64814 | -400.23 |
| Nov-14 | 212.543920 | 215.598513 | 3.054593 | -77.48825 | -76.68414 | 3.86144 | 1.55545 | -71.26725 | -233.31 |
| Dec-14 | 226.106000 | 230.594717 | 4.488717 | -141.38619 | -121.88321 | 21.42076 | 1.80401 | -98.65845 | -219.79 |
| Jan-15 | 219.998000 | 221.481131 | 1.483131 | -53.02004 | -62.88149 | 14.63995 | 11.45402 | -36.78753 | -248.04 |
| Feb-15 | 190.922750 | 191.728706 | 0.805956 | -34.56440 | -39.90114 | 0.69326 | 1.32870 | -37.87918 | -469.99 |
| Mar-15 | 185.373500 | 186.193670 | 0.820170 | -16.99098 | -37.43905 | 7.53923 | 19.32107 | -10.57875 | -128.98 |
| Total | 2139.080608 | 2156.571481 | 17.490873 | -765.10275 | -781.61313 | 156.46673 | 125.67717 | -499.46924 | -285.56 |

Note :

- i) (-)ve indicates amount receivable by the Utility
- ii) (+)ve indicates amount payable by the Utility.
- iii) The above UI / DSM accounts are subject to change if accounts are revised by NRPC due to any reason

16 REACTIVE POWER MANAGEMENT

16.1 INSTALLED CAPACITY OF CAPACITORS IN DELHI AS ON 31.03.2015.

DETAILS OF THE CAPACITORS INSTALLED IN DELHI SYSTEM LUMPED TO THE NEAREST 220KV GRID SUB-STATIONS AS ON 31.03.2015 IS AS UNDER :-

(All figures in MVAR)

| S. No. | SUB-STATION | Name of Utility | INSTALLED CAPACITY | | | |
|----------|----------------------|-----------------|--------------------|--------------|--------------|---------------|
| | | | 66KV | 33kV | 11kV | TOTAL |
| 1 | IP YARD | | | 30.00 | | 30.00 |
| 1 | Kamla Market | BYPL | | | 16.35 | 16.35 |
| 2 | Minto Road | BYPL | | | | 0.00 |
| 3 | GB Pant Hosp | BYPL | | | 10.48 | 10.48 |
| 4 | Delhi Gate | BYPL | | | 10.90 | 10.90 |
| 5 | Tilakmarg | NDMC | | | 5.04 | 5.04 |
| 7 | Cannaught Place | NDMC | | | 10.08 | 10.08 |
| 8 | Kilokri | BRPL | | 10.08 | 10.48 | 20.56 |
| 9 | NDSE-II | BRPL | | | | 0.00 |
| 11 | Nizamuddin | BRPL | | | | 0.00 |
| 12 | Exhibition-I | BRPL | | | | 0.00 |
| 13 | Exhibition-II | BRPL | | | | 0.00 |
| 14 | Defence Colony | BRPL | | | | 0.00 |
| 15 | IG Stadium | BYPL | | 10.08 | 5.45 | 15.53 |
| 16 | Lajpat Nagar | BRPL | | | | 0.00 |
| 17 | IP Estate | BYPL | | | 10.90 | 10.90 |
| | | | 0.00 | 50.16 | 79.68 | 129.84 |
| 2 | Electric Lane | | | | | |
| 1 | Electric Lane | NDMC | | | 5.04 | 5.04 |
| 2 | Scindia House | NDMC | | | 10.44 | 10.44 |
| 3 | Mandi House | NDMC | | | 10.80 | 10.80 |
| 4 | Raisina Road | NDMC | | | 10.08 | 10.08 |
| 5 | Raja Bazar | NDMC | | | 10.08 | 10.08 |
| | | | 0.00 | 0.00 | 46.44 | 46.44 |
| 3 | RPH Station | | | 20.00 | | 20.00 |
| 1 | Lahori Gate | BYPL | | | 10.49 | 10.49 |
| 2 | Jama Masjid | BYPL | | | 10.48 | 10.48 |
| 4 | Kamla Market | BYPL | | | | 0.00 |
| 5 | Minto Road | BYPL | | | 10.90 | 10.90 |
| 6 | GB Pant Hosp | BYPL | | | | 0.00 |
| 7 | IG Stadium | BYPL | | | | 0.00 |
| | | | 0.00 | 20.00 | 31.87 | 51.87 |

| S. No. | SUB-STATION | Name of Utility | INSTALLED CAPACITY | | | |
|----------|-------------------------|-----------------|--------------------|--------------|---------------|---------------|
| | | | 66KV | 33kV | 11kV | TOTAL |
| 4 | Parkstreet S/stn | | 20.00 | 20.00 | | 40.00 |
| 1 | Shastri Park | BYPL | | 10.90 | 5.45 | 16.35 |
| 2 | Faiz Road | BYPL | | | 18.05 | 18.05 |
| 3 | Motia Khan | BYPL | | | 16.30 | 16.30 |
| 4 | Prasad Nagar | BYPL | | | 16.25 | 16.25 |
| 5 | Anand Parbat | BYPL | | | 10.80 | 10.80 |
| 6 | Shankar Road | BYPL | | | 0.00 | 0.00 |
| 7 | Rama Road | TPDDL | | | 0.00 | 0.00 |
| 8 | Baird Road | NDMC | | | 10.08 | 10.08 |
| 9 | Hanuman Road | NDMC | | | 10.08 | 10.08 |
| 10 | Pusa | TPDDL | | | 5.44 | 5.44 |
| 11 | Ridge Valley | BRPL | | | 0.00 | 0.00 |
| 12 | B. D. Marg | NDMC | | | 5.40 | 5.40 |
| 13 | Nirman Bhawan | NDMC | | | 5.04 | 5.04 |
| | | | 20.00 | 30.90 | 102.89 | 153.79 |
| 5 | Naraina S/stn | | | 20.00 | 5.04 | 25.04 |
| 1 | DMS | BYPL | | | 10.85 | 10.85 |
| 2 | Mayapuri | BRPL | | 10.87 | 10.40 | 21.27 |
| 3 | Inderpuri | TPDDL | | 13.26 | 5.04 | 18.30 |
| 4 | Rewari line | TPDDL | | | | 0.00 |
| 5 | Khyber Lane | MES | | 10.05 | | 10.05 |
| 6 | Kirbi Place | MES | | 10.05 | | 10.05 |
| 7 | Payal | TPDDL | | | 10.08 | 10.08 |
| 8 | A-21 Naraina | TPDDL | | | 4.08 | 4.08 |
| 8 | Saraswati Garden | TPDDL | | | 10.08 | 10.08 |
| | | | 0.00 | 64.23 | 55.57 | 119.80 |
| 6 | Mehrauli S/stn | | 80.00 | | 5.04 | 85.04 |
| 1 | Adchini | BRPL | | | 14.61 | 14.61 |
| 2 | Andheria Bagh | BRPL | | | 10.85 | 10.85 |
| 3 | IIT | BRPL | | | 10.90 | 10.90 |
| 4 | JNU | BRPL | | 10.03 | 10.03 | 20.06 |
| 5 | Bijwasan | BRPL | | | 15.47 | 15.47 |
| 6 | DC Saket | BRPL | | 10.08 | 9.98 | 20.06 |
| 7 | Malviya Nagar | BRPL | | | | 0.00 |
| 8 | C Dot | BRPL | | | 10.48 | 10.48 |
| 9 | Vasant kunj B-Blk | BRPL | 21.79 | | 10.90 | 32.69 |
| 10 | Vasant kunj C-Blk | BRPL | 20.16 | | 10.48 | 30.64 |
| 11 | Palam | BRPL | | | | 0.00 |
| 12 | IGNOU | BRPL | | | 5.04 | 5.04 |
| 13 | R. K. Puram-I | BRPL | | | 10.07 | 10.07 |
| 14 | Vasant Vihar | BRPL | | | 19.25 | 19.25 |

| S. No. | SUB-STATION | Name of Utility | INSTALLED CAPACITY | | | |
|-----------|--------------------------------|-----------------|--------------------|--------------|---------------|---------------|
| | | | 66KV | 33kV | 11kV | TOTAL |
| 15 | Pusp Vihar | BRPL | | | 10.44 | 10.44 |
| 16 | Bhikaji Cama Place | BRPL | | 10.08 | 10.07 | 20.15 |
| | | | 121.95 | 30.19 | 163.61 | 315.75 |
| 7 | Vasantkunj S/stn | | 40.00 | | 5.04 | 45.04 |
| 1 | R. K. Puram-II | BRPL | | | 10.80 | 10.80 |
| 2 | Vasant kunj C-Blk | BRPL | | | | 0.00 |
| 3 | Vasant kunj D-Blk | BRPL | | | 9.63 | 9.63 |
| 4 | Ridge Valley | BRPL | | | | 0.00 |
| | | | 40.00 | 0.00 | 25.47 | 65.47 |
| 8 | Okhla S/stn | | 60.00 | 10.00 | 5.04 | 75.04 |
| 1 | Balaji | BRPL | | | 10.80 | 10.80 |
| 2 | East of Kailash | BRPL | | | 15.89 | 15.89 |
| 3 | Alaknanda | BRPL | | | 16.30 | 16.30 |
| 4 | Malviya Nagar | BRPL | 21.79 | 20.16 | 10.85 | 52.80 |
| 5 | Masjid Moth | BRPL | | | 16.30 | 16.30 |
| 6 | Nehru Place | BRPL | | | 21.34 | 21.34 |
| 7 | Okhla Ph-I | BRPL | 21.79 | | 16.30 | 38.09 |
| 8 | Okhla Ph-II | BRPL | | 20.93 | 15.47 | 36.40 |
| 9 | Shivalik | BRPL | | | 10.80 | 10.80 |
| 10 | Batra | BRPL | | | 15.90 | 15.90 |
| 11 | VSNL | BRPL | | | 10.90 | 10.90 |
| 12 | Siri Fort | BRPL | | | 10.49 | 10.49 |
| 13 | Tuglakabad | BRPL | | | 10.85 | 10.85 |
| | | | 103.58 | 51.09 | 187.23 | 341.90 |
| 9 | Lodhi Road S/stn | | | | 20.00 | 20.00 |
| 1 | Defence Colony | BRPL | | | 14.85 | 14.85 |
| 2 | Hudco | BRPL | | | 10.90 | 10.90 |
| 3 | Lajpat Nagar | BRPL | | | 10.90 | 10.90 |
| 4 | Nizamuddin | BRPL | | | 10.44 | 10.44 |
| 5 | Vidyut Bhawan (Shahjahan Road) | NDMC | | | 10.80 | 10.80 |
| 6 | Ex. Gr. II | BRPL | | | 0.00 | 0.00 |
| 7 | IHC | BRPL | | | 0.00 | 0.00 |
| | | | 0.00 | 0.00 | 324.06 | 324.06 |
| 10 | Sarita Vihar S/stn | | 20.00 | | 5.04 | 25.04 |
| 1 | Sarita Vihar | BRPL | | | 10.07 | 10.07 |
| 2 | MCIE | BRPL | | | 10.06 | 10.06 |
| 3 | Mathura Road | BRPL | 20.16 | | 11.69 | 31.85 |
| 4 | Jamia Millia | BRPL | | | 10.89 | 10.89 |
| 5 | Sarai Julena | BRPL | | 10.08 | 16.29 | 26.37 |
| 6 | Jasola | BRPL | | | 5.44 | 5.44 |
| | | | 40.16 | 10.08 | 69.48 | 119.72 |

| S. No. | SUB-STATION | Name of Utility | INSTALLED CAPACITY | | | |
|-----------|-------------------------|-----------------|--------------------|--------------|---------------|---------------|
| | | | 66KV | 33kV | 11kV | TOTAL |
| 11 | Wazirabad | | | | | |
| 1 | Bhagirathi | BYPL | | 14.40 | 10.90 | 25.30 |
| 2 | Ghonda | BYPL | 21.79 | 22.56 | 15.94 | 60.29 |
| 3 | Seelam Pur | BYPL | | 10.08 | 21.39 | 31.47 |
| 4 | Dwarkapuri | BYPL | | | 15.46 | 15.46 |
| 5 | Nandnagri | BYPL | 20.16 | | 16.35 | 36.51 |
| 6 | Yamuna Vihar | BYPL | | | 14.40 | 14.40 |
| 7 | East of Loni Road | BYPL | | | 10.80 | 10.80 |
| 8 | Shastri Park | BYPL | | | 10.90 | 10.90 |
| 9 | Karawal Nagar | BYPL | | | 5.40 | 5.40 |
| 10 | Sonia Vihar | BYPL | | | 14.70 | 14.70 |
| | | | 41.95 | 47.04 | 136.24 | 225.23 |
| 12 | Geeta Colony | | | | | |
| 1 | Geeta Colony | BYPL | | | 10.49 | 10.49 |
| 2 | Kanti Nagar | BYPL | | | 10.49 | 10.49 |
| 3 | Kailash Nagar | BYPL | | | 15.48 | 15.48 |
| 4 | Seelam Pur | BYPL | | | | 0.00 |
| 5 | Shakar Pur | BYPL | | | 10.80 | 10.80 |
| | | | 0.00 | 0.00 | 36.77 | 36.77 |
| 13 | Gazipur S/stn | DTL | 40.00 | | 5.04 | 45.04 |
| 1 | Dallupura | BYPL | 28.80 | | 10.90 | 39.70 |
| 2 | Vivek Vihar | BYPL | | | 9.57 | 9.57 |
| 3 | GT Road | BYPL | | | 10.85 | 10.85 |
| 4 | Kondli | BYPL | 20.16 | | 10.85 | 31.01 |
| 5 | MVR-I | BYPL | | | 10.90 | 10.90 |
| 6 | MVR-II | BYPL | 20.16 | | 10.90 | 31.06 |
| 7 | PPG Ind. Area | BYPL | | | 10.06 | 10.06 |
| | | | 109.12 | 0.00 | 79.07 | 188.19 |
| 14 | Patparganj S/stn | DTL | 40.00 | 20.00 | 5.04 | 65.04 |
| 1 | GH-I | BYPL | 19.89 | | 10.45 | 30.34 |
| 2 | GH-II | BYPL | 20.09 | | 10.90 | 30.99 |
| 3 | CBD | BYPL | | 10.03 | 15.48 | 25.51 |
| 4 | Guru Angad Nagar | BYPL | | | 15.49 | 15.49 |
| 5 | Karkadooma | BYPL | | 10.80 | 10.44 | 21.24 |
| 6 | Preet Vihar | BYPL | | | 10.07 | 10.07 |
| 7 | CBD-II | BYPL | | | 10.80 | 10.80 |
| 8 | Shakarpur | BYPL | | | | 0.00 |
| 9 | Jhilmil | BYPL | | | 10.80 | 10.80 |
| 10 | Dilshad Garden | BYPL | 20.16 | | 16.35 | 36.51 |
| 11 | Khichripur | BYPL | 21.79 | | 10.49 | 32.28 |
| 12 | Mother Dairy | BYPL | | | | 0.00 |

| S. No. | SUB-STATION | Name of Utility | INSTALLED CAPACITY | | | |
|-----------|---------------------------------|-----------------|--------------------|--------------|---------------|---------------|
| | | | 66KV | 33kV | 11kV | TOTAL |
| 13 | Scope Building | BYPL | | | | 0.00 |
| 14 | Vivek Vihar | BYPL | | | | 0.00 |
| 15 | Akhardham | BYPL | | | 14.60 | 14.60 |
| | | | 121.93 | 40.83 | 140.91 | 303.67 |
| 15 | Najafgarh S/stn | | 60.00 | | 5.04 | 65.04 |
| 1 | A4 Paschim Vihar | BRPL | | | 10.80 | 10.80 |
| 2 | Nangloi | BRPL | 21.73 | | 15.84 | 37.57 |
| 3 | Nangloi WW | BRPL | 20.89 | | 10.85 | 31.74 |
| 4 | Pankha Road | BRPL | | | 15.88 | 15.88 |
| 5 | Jaffarpur | BRPL | | | 15.43 | 15.43 |
| 7 | Inst. Area Janakpuri (Sagarpur) | BRPL | | | 17.60 | 17.60 |
| 8 | Paschimpuri | BRPL | | 10.05 | 15.47 | 25.52 |
| 9 | Paschim Vihar | BRPL | 41.83 | | 15.43 | 57.26 |
| 10 | Mukherjee Park | BRPL | | | 20.83 | 20.83 |
| 11 | Udyog Nagar | BRPL | | | 10.43 | 10.43 |
| 12 | Choukhandi | BRPL | | | 10.07 | 10.07 |
| | | | 144.45 | 10.05 | 163.67 | 318.17 |
| 16 | Pappankalan-I S/stn | BRPL | 20.00 | | 5.04 | 25.04 |
| 1 | Bindapur Grid G-3 PPK | BRPL | 21.73 | | 15.85 | 37.58 |
| 2 | Bodella-I | BRPL | 20.10 | | 16.24 | 36.34 |
| 3 | Bodella-II | BRPL | 21.73 | | 17.64 | 39.37 |
| 4 | DC Janakpuri | BRPL | | | 10.03 | 10.03 |
| 5 | G-2 PPK (Nasirpur) | BRPL | | | 10.80 | 10.80 |
| 6 | G-5 PPK (Matiala) | BRPL | | | 15.51 | 15.51 |
| 7 | G-6 PPK | BRPL | | | 5.40 | 5.40 |
| 8 | G-15 PPK | BRPL | | | 10.80 | 10.80 |
| 9 | Harinagar | BRPL | 21.18 | | 16.25 | 37.43 |
| 10 | Rewari line | TPDDL | | | 5.44 | 5.44 |
| | | | 104.74 | 0.00 | 129.00 | 233.74 |
| 17 | BBMB Rohtak Road | | | | | |
| 1 | S.B. Mill | BRPL | | | 10.07 | 10.07 |
| 2 | Rama Road | TPDDL | | | 10.88 | 10.88 |
| 3 | Ram Pura | TPDDL | | | 10.48 | 10.48 |
| 4 | Rohtak Road | TPDDL | | | 10.08 | 10.08 |
| 5 | Vishal | BRPL | | | 10.40 | 10.40 |
| 6 | Tri Nagar | TPDDL | | | 5.44 | 5.44 |
| 7 | Madipur | BRPL | | | 10.43 | 10.43 |
| 8 | Sudershan Park | TPDDL | | | 10.08 | 10.08 |
| 9 | Kirti Nagar | TPDDL | | | 5.44 | 5.44 |
| | | | 0.00 | 0.00 | 83.30 | 83.30 |

| S. No. | SUB-STATION | Name of Utility | INSTALLED CAPACITY | | | |
|-----------|---------------------------|-----------------|--------------------|--------------|--------------|---------------|
| | | | 66KV | 33kV | 11kV | TOTAL |
| 18 | Shalimarbagh S/stn | | | 40.00 | 6.00 | 46.00 |
| 1 | S.G.T. Nagar | TPDDL | | | 5.44 | 5.44 |
| 2 | Wazirpur-1 | TPDDL | | | 17.18 | 17.18 |
| 3 | Wazirpur-2 | TPDDL | | | 13.20 | 13.20 |
| 4 | Ashok Vihar | TPDDL | | | 7.20 | 7.20 |
| 5 | Rani Bagh | TPDDL | | | 10.88 | 10.88 |
| 6 | Haiderpur | TPDDL | | | 11.39 | 11.39 |
| 7 | SMB FC | TPDDL | | | 5.44 | 5.44 |
| 8 | SMB KHOSLA | TPDDL | | | 5.44 | 5.44 |
| | | | 0.00 | 40.00 | 82.17 | 122.17 |
| 19 | Subzimandi S/stn | | | | 6.00 | 6.00 |
| 1 | Shakti Nagar | TPDDL | | | 5.04 | 5.04 |
| 2 | Gulabibagh | TPDDL | | | 10.88 | 10.88 |
| 3 | Shahzadabagh | TPDDL | | | 15.79 | 15.79 |
| 4 | DU | TPDDL | | | 5.44 | 5.44 |
| 5 | Tripolia | TPDDL | | | 10.88 | 10.88 |
| 6 | B. G. Road | BYPL | | | 5.40 | 5.40 |
| | | | 0.00 | 0.00 | 59.43 | 59.43 |
| 20 | Narela S/stn | | 40.00 | | 5.04 | 45.04 |
| 1 | A-7 Narela | TPDDL | | | 10.88 | 10.88 |
| 2 | AIR Kham pur | TPDDL | | | 5.95 | 5.95 |
| 3 | Ashok vihar | TPDDL | | | 10.60 | 10.60 |
| 4 | Azad Pur | TPDDL | | | 5.44 | 5.44 |
| 5 | Tri Nagar | TPDDL | | | 5.44 | 5.44 |
| 6 | Badli | TPDDL | 20.00 | | 5.95 | 25.95 |
| 7 | DSIDC Narela-1 | TPDDL | | | 5.95 | 5.95 |
| 8 | GTK | TPDDL | | | 5.94 | 5.94 |
| 9 | Jahangirpuri | TPDDL | 20.00 | 10.00 | 0.00 | 30.00 |
| 10 | Bhalswa | TPDDL | | | 4.80 | 4.80 |
| 11 | Pitampura-I | TPDDL | 20.00 | | 5.04 | 25.04 |
| 12 | RG-1 | TPDDL | | | 5.44 | 5.44 |
| | | | 100.00 | 10.00 | 76.47 | 186.47 |
| 21 | Gopalpur S/stn | | | 30.00 | 5.04 | 35.04 |
| 1 | Azad Pur | TPDDL | | | 10.88 | 10.88 |
| 2 | Hudson Lane | TPDDL | | | 5.95 | 5.95 |
| 3 | Wazirabad | TPDDL | | | 7.20 | 7.20 |
| 4 | Indra Vihar | TPDDL | | | 5.95 | 5.95 |
| 5 | DIFR | TPDDL | | | 5.44 | 5.44 |
| 6 | GTK Road | TPDDL | | | 5.44 | 5.44 |
| 7 | Jahangirpuri | TPDDL | | 10.00 | 5.95 | 15.95 |
| 8 | Civil lines | TPDDL | | | 7.20 | 7.20 |

| S. No. | SUB-STATION | Name of Utility | INSTALLED CAPACITY | | | |
|-----------|---------------------------|-----------------|--------------------|-------|--------|--------|
| | | | 66KV | 33kV | 11kV | TOTAL |
| 9 | Pitam Pura-1 | TPDDL | | | 5.44 | 5.44 |
| 10 | Pitam Pura-3 | TPDDL | | | 5.44 | 5.44 |
| 11 | Air Khampur | TPDDL | | | 5.95 | 5.95 |
| 12 | SGT Nagar | TPDDL | | | 5.95 | 5.95 |
| 13 | Tiggipur | TPDDL | | | 10.88 | 10.88 |
| 14 | Model Town | TPDDL | | | 0.00 | 0.00 |
| | | | 0.00 | 40.00 | 92.71 | 132.71 |
| 22 | Rohini S/stn | | 40.00 | | 6.00 | 46.00 |
| 1 | Rohini Sec-22 | TPDDL | | | 10.88 | 10.88 |
| 2 | Rohini Sec-24 | TPDDL | | | 5.44 | 5.44 |
| 3 | Rohini-2 | TPDDL | | | 5.95 | 5.95 |
| 4 | Rohini-3 | TPDDL | | | 5.95 | 5.95 |
| 5 | Rohini-4 | TPDDL | | | 11.39 | 11.39 |
| 6 | Rohini-5 | TPDDL | | | 11.39 | 11.39 |
| 7 | Rohini-6 | TPDDL | | | 13.15 | 13.15 |
| 8 | Mangolpuri-1 | TPDDL | | | 7.20 | 7.20 |
| 9 | Mangolpuri-2 | TPDDL | 20.00 | | 7.20 | 27.20 |
| 10 | Pitam Pura-2 | TPDDL | | | 10.48 | 10.48 |
| 11 | Rohini DC-1 | TPDDL | | | 14.40 | 14.40 |
| | | | 60.00 | 0.00 | 109.43 | 169.43 |
| 23 | Kanjhawala S/stn | | 20.00 | | 5.04 | 25.04 |
| 1 | Bawana Clear Water | TPDDL | | | 21.60 | 21.60 |
| 2 | Pooth Khoord | TPDDL | 20.00 | | 5.44 | 25.44 |
| 3 | Rohini Sec-23 | TPDDL | 20.00 | | 5.44 | 25.44 |
| 4 | Rohini -2 | TPDDL | | | 7.20 | 7.20 |
| | | | 60.00 | 0.00 | 44.72 | 104.72 |
| 24 | BAWANA S/stn | | | | | |
| 1 | Bawana S/stn No. 6 | TPDDL | | | 10.88 | 10.88 |
| 2 | Bawana S/stn No. 7 | TPDDL | | | | 0.00 |
| | | | 0.00 | 0.00 | 10.88 | 10.88 |
| 25 | Kashmeregate S/stn | | | | 5.04 | 5.04 |
| 1 | Civil lines | TPDDL | | | 7.20 | 7.20 |
| 2 | Town Hall | BYPL | | | 8.64 | 8.64 |
| 3 | Fountain | BYPL | | | 5.45 | 5.45 |
| | | | 0.00 | 0.00 | 26.33 | 26.33 |
| 26 | Pappankalan-II | | | | | |
| 1 | DMRC | BRPL | | | | 0.00 |
| 2 | HASTAL | BRPL | | | 21.60 | 21.60 |
| 3 | GGSH | BRPL | | | 10.80 | 10.80 |
| | | | 0.00 | 0.00 | 32.40 | 32.40 |

| S. No. | SUB-STATION | Name of Utility | INSTALLED CAPACITY | | | |
|-----------|------------------------------|-----------------|--------------------|---------------|----------------|--------------|
| | | | 66KV | 33kV | 11kV | TOTAL |
| 27 | Trauma Center (AIIMS) | | | | | |
| 1 | AIIMS | NDMC | | 13.26 | 5.04 | 18.30 |
| 2 | Trauma Center | NDMC | | | 10.08 | 10.08 |
| 3 | Netaji Nagar | NDMC | | | 15.12 | 15.12 |
| 4 | Sanjay Camp | NDMC | | | 10.08 | 10.08 |
| 5 | Kidwai Nagar | NDMC | | | 10.08 | 10.08 |
| 6 | SJ Airport | NDMC | | | 5.04 | 5.04 |
| 7 | Race Course | NDMC | | | 10.44 | 10.44 |
| | | | 0.00 | 13.26 | 65.88 | 79.14 |
| 28 | MUNDKA | | | | | |
| 1 | Mangolpuri-I | TPDDL | | | 13.15 | 13.15 |
| | | | 0.00 | 0.00 | 13.15 | 13.15 |
| 29 | DSIDC BAWANA | | | | | |
| 1 | DSIDC NRL-1 | TPDDL | 20.00 | | | 20.00 |
| 2 | DSIDC NRL-2 | TPDDL | | | 16.32 | 16.32 |
| | | | 20.00 | 0.00 | 16.32 | 36.32 |
| 30 | RIDGE VALLEY | | | | | |
| 1 | Keventry Diary | NDMC | | | 10.08 | 10.08 |
| 2 | Nehru Park | NDMC | | | 5.04 | 5.04 |
| 3 | State Guest House | NDMC | | | 5.40 | 5.40 |
| 4 | Bapu Dham | NDMC | | | 15.48 | 15.48 |
| | | | 0.00 | 0.00 | 36.00 | 36.00 |
| 31 | IP EXTN (PRAGATI) | | | | | |
| 1 | Vidyut Bhawan | NDMC | | | 10.08 | 10.08 |
| 2 | Dalhousie Road | NDMC | | | 5.04 | 5.04 |
| 3 | National Archives | NDMC | | | 10.08 | 10.08 |
| 4 | School Lane | NDMC | | | 10.44 | 10.44 |
| | | | 0.00 | 0.00 | 35.64 | 35.64 |
| | | | | | | 0.00 |
| | TOTAL CAPACITY | | | | | |
| | | | | | | |
| | Utility | | HT | LT | Total | |
| | BYPL | | 858.39 | 102.00 | 960.39 | |
| | BRPL | | 1221.29 | 242.00 | 1463.29 | |
| | TPDDL | | 739.78 | 119.00 | 858.78 | |
| | NDMC | | 253.74 | 24.00 | 277.74 | |
| | DTL | | 753.52 | 0.00 | 753.52 | |
| | RPH | | 20.00 | 0.00 | 20.00 | |
| | MES | | 20.10 | 0.00 | 20.10 | |
| | TOTAL | | 3866.82 | 487.00 | 4353.82 | |

16.2 REACTIVE ENERGY TRANSACTIONS OF DISCOMS WITH DTL

| Month | TPDDPL | | | | |
|---------------|----------------|---------------|--------------------|----------------|------------------------|
| | MVARh Drawal | | Amount in Rs. Lacs | | Net Amount in Rs. Lacs |
| | High Voltage | Low Voltage | High Voltage | Low Voltage | |
| Apr-14 | 2639.2 | -14.9 | -3.16704 | -0.01788 | -3.18492 |
| May-14 | -1299.9 | 3962.4 | 1.55988 | 4.75488 | 6.31476 |
| Jun-14 | -248.1 | 8690.9 | 0.29772 | 10.42908 | 10.72680 |
| Jul-14 | 175.3 | 6307.0 | -0.21036 | 7.56840 | 7.35804 |
| Aug-14 | 353.4 | 1349.0 | -0.42408 | 1.61880 | 1.19472 |
| Sep-14 | 2661.5 | 253.2 | -3.19380 | 0.30384 | -2.88996 |
| Oct-14 | -3793.4 | -1893.7 | 4.55208 | -2.27244 | 2.27964 |
| Nov-14 | 12291.1 | -2681.3 | -14.74932 | -3.21756 | -17.96688 |
| Dec-14 | -3204.7 | -2747.8 | 3.84564 | -3.29736 | 0.54828 |
| Jan-15 | -10385.8 | -2943.5 | 12.46296 | -3.53220 | 8.93076 |
| Feb-15 | -4984.4 | -2098.4 | 5.98128 | -2.51808 | 3.46320 |
| Mar-15 | 1154.8 | -2325.2 | -1.38576 | -2.79024 | -4.17600 |
| Total | -4641.0 | 5857.7 | 5.56920 | 7.02924 | 12.59844 |

| Month | BRPL | | | | |
|---------------|----------------|----------------|--------------------|------------------|------------------------|
| | MVARh Drawal | | Amount in Rs. Lacs | | Net Amount in Rs. Lacs |
| | High Voltage | Low Voltage | High Voltage | Low Voltage | |
| Apr-14 | 6514.4 | 621.7 | -7.81728 | 0.74604 | -7.07124 |
| May-14 | -819.9 | 12995.8 | 0.98388 | 15.59496 | 16.57884 |
| Jun-14 | -3533.2 | 33276.2 | 4.23984 | 39.93144 | 44.17128 |
| Jul-14 | -3058.7 | 21602.6 | 3.67044 | 25.92312 | 29.59356 |
| Aug-14 | -5331.1 | 16179.7 | 6.39732 | 19.41564 | 25.81296 |
| Sep-14 | -4405.6 | 12252.9 | 5.28672 | 14.70348 | 19.99020 |
| Oct-14 | -1430.4 | 3468.2 | 1.71648 | 4.16184 | 5.87832 |
| Nov-14 | 1864.6 | -3073.4 | -2.23752 | -3.68808 | -5.92560 |
| Dec-14 | -2287.1 | -3131.4 | 2.74452 | -3.75768 | -1.01316 |
| Jan-15 | -6183.5 | -2850.7 | 7.42020 | -3.42084 | 3.99936 |
| Feb-15 | 24532.9 | -1930.0 | -29.43948 | -2.31600 | -31.75548 |
| Mar-15 | 8880.7 | -1651.2 | -10.65684 | -1.98144 | -12.63828 |
| Total | 14743.1 | 87760.4 | -17.69172 | 105.31248 | 87.62076 |

| Month | BYPL | | | | |
|---------------|----------------|----------------|--------------------|-----------------|------------------------|
| | MVARh Drawal | | Amount in Rs. Lacs | | Net Amount in Rs. Lacs |
| | High Voltage | Low Voltage | High Voltage | Low Voltage | |
| Apr-14 | 9333.4 | -1917.6 | -11.20008 | -2.30112 | -13.50120 |
| May-14 | -1405.1 | 8982.3 | 1.68612 | 10.77876 | 12.46488 |
| Jun-14 | -252.8 | 35925.0 | 0.30336 | 43.11000 | 43.41336 |
| Jul-14 | -296.9 | 23076.0 | 0.35628 | 27.69120 | 28.04748 |
| Aug-14 | 435.1 | 14460.4 | -0.52212 | 17.35248 | 16.83036 |
| Sep-14 | 5680.5 | 6740.5 | -6.81660 | 8.08860 | 1.27200 |
| Oct-14 | 17048.6 | -6176.1 | -20.45832 | -7.41132 | -27.86964 |
| Nov-14 | 17469.8 | -10092.3 | -20.96376 | -12.11076 | -33.07452 |
| Dec-14 | 5155.5 | -1469.4 | -6.18660 | -1.76328 | -7.94988 |
| Jan-15 | -1879.7 | -11070.2 | 2.25564 | -13.28424 | -11.02860 |
| Feb-15 | -225.1 | -9240.9 | 0.27012 | -11.08908 | -10.81896 |
| Mar-15 | 453.9 | -11268.9 | -0.54468 | -13.52268 | -14.06736 |
| Total | 51517.2 | 37948.8 | -61.82064 | 45.53856 | -16.28208 |

| Month | NDMC | | | | |
|---------------|----------------|----------------|--------------------|-----------------|------------------------|
| | MVARh Drawal | | Amount in Rs. Lacs | | Net Amount in Rs. Lacs |
| | High Voltage | Low Voltage | High Voltage | Low Voltage | |
| Apr-14 | 2732.6 | 5950.1 | -3.27912 | 7.14012 | 3.86100 |
| May-14 | 1999.7 | 8936.2 | -2.39964 | 10.72344 | 8.32380 |
| Jun-14 | 10373.0 | 17050.1 | -12.44760 | 20.46012 | 8.01252 |
| Jul-14 | 1499.4 | 12333.8 | -1.79928 | 14.80056 | 13.00128 |
| Aug-14 | 1999.7 | 6830.2 | -2.39964 | 8.19624 | 5.79660 |
| Sep-14 | 2705.8 | 4916.3 | -3.24696 | 5.89956 | 2.65260 |
| Oct-14 | 6633.2 | 926.9 | -7.95984 | 1.11228 | -6.84756 |
| Nov-14 | 7020.6 | -1377.1 | -8.42472 | -1.65252 | -10.07724 |
| Dec-14 | 2813.8 | -1469.4 | -3.37656 | -1.76328 | -5.13984 |
| Jan-15 | 2444.0 | -1183.3 | -2.93280 | -1.41996 | -4.35276 |
| Feb-15 | 2116.2 | -620.1 | -2.53944 | -0.74412 | -3.28356 |
| Mar-15 | 4575.6 | 898.6 | -5.49072 | 1.07832 | -4.41240 |
| Total | 46913.6 | 53192.3 | -56.29632 | 63.83076 | 7.53444 |

| Month | MES | | | | |
|--------------|---------------|----------------|--------------------|-----------------|------------------------|
| | MVARh Drawal | | Amount in Rs. Lacs | | Net Amount in Rs. Lacs |
| | High Voltage | Low Voltage | High Voltage | Low Voltage | |
| Apr-14 | 271.6 | 527.0 | -0.32592 | 0.63240 | 0.30648 |
| May-14 | 66.9 | 2012.2 | -0.08028 | 2.41464 | 2.33436 |
| Jun-14 | 46.4 | 4436.2 | -0.05568 | 5.32344 | 5.26776 |
| Jul-14 | 132.1 | 2809.5 | -0.15852 | 3.37140 | 3.21288 |
| Aug-14 | 149.5 | 1867.2 | -0.17940 | 2.24064 | 2.06124 |
| Sep-14 | 225.3 | 1313.8 | -0.27036 | 1.57656 | 1.30620 |
| Oct-14 | 370.2 | 976.6 | -0.44424 | 1.17192 | 0.72768 |
| Nov-14 | 724.9 | 115.0 | -0.86988 | 0.13800 | -0.73188 |
| Dec-14 | 1140.1 | -26.6 | -1.36812 | -0.03192 | -1.40004 |
| Jan-15 | 1212.5 | 0.0 | -1.45500 | 0.00004 | -1.45496 |
| Feb-15 | 863.0 | -27.2 | -1.03560 | -0.03264 | -1.06824 |
| Mar-15 | 1570.6 | -18.9 | -1.88472 | -0.02268 | -1.90740 |
| Total | 6773.1 | 13984.8 | -8.12772 | 16.78180 | 8.65408 |

| Month | TOTAL DISCOMS | | | | |
|--------------|-----------------|-----------------|--------------------|------------------|------------------------|
| | MVARh Drawal | | Amount in Rs. Lacs | | Net Amount in Rs. Lacs |
| | High Voltage | Low Voltage | High Voltage | Low Voltage | |
| Apr-14 | 21491.2 | 5166.3 | -25.78944 | 6.19956 | -19.58988 |
| May-14 | -1458.3 | 36888.9 | 1.74996 | 44.26668 | 46.01664 |
| Jun-14 | 6385.3 | 99378.4 | -7.66236 | 119.25408 | 111.59172 |
| Jul-14 | -1548.8 | 66128.9 | 1.85856 | 79.35468 | 81.21324 |
| Aug-14 | -2393.4 | 40686.5 | 2.87208 | 48.82380 | 51.69588 |
| Sep-14 | 6867.5 | 25476.7 | -8.24100 | 30.57204 | 22.33104 |
| Oct-14 | 18828.2 | -2698.1 | -22.59384 | -3.23772 | -25.83156 |
| Nov-14 | 39371.0 | -17109.1 | -47.24520 | -20.53092 | -67.77612 |
| Dec-14 | 3617.6 | -8844.6 | -4.34112 | -10.61352 | -14.95464 |
| Jan-15 | -14792.5 | -18047.7 | 17.75100 | -21.65720 | -3.90620 |
| Feb-15 | 22302.6 | -13916.6 | -26.76312 | -16.69992 | -43.46304 |
| Mar-15 | 16635.6 | -14365.6 | -19.96272 | -17.23872 | -37.20144 |
| Total | 115306.0 | 198744.0 | -138.36720 | 238.49284 | 100.12564 |

Note : (+) incase of amount is payable by the utility to DTL.

17. TRANSMISSION SYSTEM AVAILABILITY OF DELHI TRANSCO LTD. FOR THE YEAR 2014-15

| Sl. No. | Name of Elements | Availability in %age |
|---|---|-----------------------------|
| 1 | AVAILABILITY OF 12NOS. 400kV, 315MVA ICTs | 98.44 |
| 2 | AVAILABILITY OF 10NOS. 400kV LINES | 99.39 |
| 3 | AVAILABILITY OF 77NOS. 220kV LINES | 98.76 |
| 4 | AVAILABILITY OF 54NOS. 220/66kV ICTs | 98.44 |
| 5 | AVAILABILITY OF 34NOS. 220/33kV ICTs | 98.83 |
| 6 | AVAILABILITY OF 3NOS. 66/33kV ICTs | 99.77 |
| 7 | AVAILABILITY OF 24NOS. 66/11kV PR. TXS | 99.56 |
| 8 | AVAILABILITY OF 16NOS. 33/11kV PR. TXS | 98.97 |
| 9 | AVAILABILITY OF 123NOS. 66kV FEEDER BAYs | 99.82 |
| 10 | AVAILABILITY OF 149NOS. 33kV FEEDER BAYs | 99.73 |
| 11 | AVAILABILITY OF 206NOS. 11kV FEEDER BAYs | 99.99 |
| 12 | AVAILABILITY OF 59NOS. CAP. BA NKS | 97.32 |
| TOTAL AVAILABILITY OF DTL SYSTEM = | | 98.57 |

$$(98.44*12+99.39*10+98.76*77+98.44*54+98.83*34+99.77*3+99.56*24+98.97*16+99.82*123+99.73*149+99.99*206+97.32*59)$$

$$=98.57\%$$

$$(12+10+77+54+34+3+24+16+123+149+206+59)$$

18. NEW ELEMENTS COMMISSIONED IN TRANSMISSION SYSTEM

The following transmission system elements added during the year 2014-15

| Sr No. | Name of the Element | Date of Commissioning |
|---------------------|---|--|
| 400kV SYSTEM | | |
| 1 | 400/220kV 315MVA ICT-3 at Mundka | Charged on no load on 12.07.2014 at 19.47hrs. and load taken on 29.07.2014 at 13.38hrs. |
| 2 | 400/220kV 315MVA ICT-I at Harsh Vihar | Charged on on 01.08.2014 at 19.15hrs. and 220V I/C-I charged on 04.08.14 at 16.20hrs. |
| 3 | 400/220kV 315MVA ICT-II at Harsh Vihar | Charged on no load on 19.08.2014 at 19.15hrs. and load taken on 21.08.2014 at 19.48hrs. |
| 4 | 400/220kV 315MVA ICT-III at Harsh Vihar | Charged on 01.08.2014 at 21.12hrs. and 220kV I/C-III charged on 04.08.2014 at 16.26hrs. |
| 220kV | | |
| 5 | 220/66V 160MVA Tx-I at Harsh Vihar | Charged on 05.08.14 at 16.50hrs. and 66kV I/C-I charged on 05.08.2014 at 17.58hrs. |
| 6 | 220/66V 160MVA Tx-II at Harsh Vihar | Charged on 18.03.2015 at 11.25hrs. and load taken on 19.03.2015 at 15.50hrs. |
| 7 | 220/66V 160MVA Tx-III at Harsh Vihar | Charged on 15.09.2014 at 16.10hrs. and load taken on 16.09.2014 at 16.10hrs |
| 8 | 220/33kV 100MVA Tx-I at Wazirpur | Charged on 22.06.2014 at 17.02hrs. and load taken on 24.06.2014 at 17.45hrs |
| 9 | 220/33kV 100MVA Tx-II at Wazirpur | Charged on 22.06.2014 at 17.03hrs. and load taken on 24.06.2014 at 17.45hrs |
| 10 | 220/66V 160MVA Tx-I at Wazirabad | Charged on 15.01.2015 at 18.35hrs. and load taken on 16.01.2015 at 16.01hrs |
| 11 | 220/66V 160MVA Tx-I at Gazipur | Charged on 10.03.2015 at 20.05hrs. and load taken on 12.03.2015 at 15.28hrs |
| 12 | 220kV Shalimar Bagh – Wazipur Ckt-I | Charged on no load on 22.06.2014 at 17.03hrs. and load taken on 24.06.2014 at 17.30hrs |
| 13 | 220kV Shalimar Bagh – Wazipur Ckt-II | Charged on no load on 19.06.2014 at 21.10hrs. and load taken on 24.06.2014 at 17.45hrs |
| 14 | 220kV Maharani Bagh – Gazipur Ckt-I | Charged on no load on 09.07.2014 at 18.55hrs. and load taken on 10.07.2014 at 12.45hrs |
| 15 | 220kV Maharani Bagh – Gazipur Ckt-II | Charged on no load on 25.06.2014 at 18.49hrs. and load taken on 26.06.2014 at 10.22hrs |
| 16 | 220kV Bawana – Kanjhawala Ckt-II | Charged on no load on 29.08.2014 at 18.18hrs. and load taken on 29.08.2014 at 18.26hrs. (LILO of 220V Bawana – Najafgarh Ckt. at Kanjhawala) |
| 17 | 220kV Kanjhawala – Najafgarh Ckt-II | Charged on no load on 29.08.2014 at 18.20hrs. and load taken on 29.08.2014 at 18.26hrs. (LILO of 220V Bawana – Najafgarh Ckt. at Kanjhawala) |

19 TRIPPINGS / BREAK-DOWNS IN 400/220KV SYSTEM FOR THE YEAR 2014-15

19.1 DETAILS OF 400/220KV BREAKDOWN/TRIPPINGS OCCURRED IN DTL SYSTEM DURING THE MONTH APRIL 2014

| SL NO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 01 | 02/04/14 | 6:00 | INDRAPRASTHA POWER 33KV 10MVAR CAP. BANK-II | 18.11.14 | 18:17 | CAPACITOR BANK NO. 2 IS IN OUTAGE DUE TO DAMAGE TO BUSHING OF REACTORS / NCT / CELLS BY THE MISCREANTS. |
| 02 | 02/04/14 | 6:00 | INDRAPRASTHA POWER 33KV 10MVAR CAP. BANK-I | 07.11.14 | 16:40 | CAPACITOR BANK -1 IS IN OUTAGE DUE TO DAMAGE TO BUSHING OF REACTORS / NCT/ CELLS BY MISCREANTS ON 02.04.2014 |
| 03 | 26/04/14 | 6:00 | INDRAPRASTHA POWER 33KV 10MVAR CAP. BANK-III | | | CAPACITOR BANK NO. 3 IS IN OUTAGE DUE TO NON AVAILABILITY OF NCT, DATE & TIME GIVEN BY I.P.STN. IS 26.04.2014 AT 06.00HRS. |
| 04 | 2/04/14 | 13:13 | ROHINI-II 220/66KV 160MVA TX-I | 2/04/14 | 14:30 | TX TRIPPED ON 86 & LOW GAS PRESSURE ALARM. |
| 05 | 2/04/14 | 18:28 | WAZIRABAD 220/66KV 100MVA TX-III | 2/04/14 | 19:29 | TX TRIPPED ON E/F,51N,86. 66KV I/C-3 TRIPPED ON INTER TRIPPING. |
| 06 | 2/04/14 | 18:28 | 220KV WAZIRABAD-GEETA COLONY CKT-II | 2/04/14 | 19:22 | AT WZB CKT TRIPPED ON D/P,Z-1. NO TRIPPING AT GEETA COLONY END. |
| 07 | 3/04/14 | 2:27 | MEHRAULI 220/66KV 160MVA TX-I | 3/04/14 | 7:45 | TX TRIPPED ON REF 86. 66KV I/C TRIPPED ON INTER TRIP. Y-PH BUS PT DAMAGED. |
| 08 | 5/04/14 | 7:24 | MASJID MOTH 220/33KV 100MVA TX-II | 5/04/14 | 12:45 | I/C-II TRIPPED ON DIFFERENTIAL O/C & E/F |
| 09 | 5/04/14 | 7:24 | 220KV MAHARANI BAGH -MASJID MOTH CKT-II | 5/04/14 | 12:45 | AT MASJID MOTH CKT. TRIPPED ON 86, PROT. 87L, (DIFFERENTIAL RELAY) AT MAHARANI BAGH CKT. TRIPPED ON 86 MASTER RELAY |
| 10 | 6/04/14 | 10:30 | 220KV OKHLA - BTPS CKT.- I | 6/04/14 | 10:48 | CKT. TRIPPED WHILE AVAILING SHUTDOWN |
| 11 | 6/04/14 | 14:45 | GEETA COLONY 220/33KV 100MVA TX-II | 6/04/14 | 15:08 | TR. ALONGWITH I/C TRIPPED ON 86, 30E |
| 12 | 7/04/14 | 0:33 | 220KV OKHLA - BTPS CKT. - II | 7/04/14 | 17:34 | AT OKHLA : CKT. TRIPPED ON DIST. PROT., ZONE-1, 86T, 86T AT BTPS : Z-1, Y PHASE DIST. 5.4KMS. |
| 13 | 7/04/14 | 3:50 | 220KV BAMNAULI-NAJAFGARH CKT-I | 7/04/14 | 4:35 | AT NAJAFGARH : CKT. TRIPPED ON MARTH RELAY 186, 186 AT BAMNAULI : NO TRIPPING |
| 14 | 7/04/14 | 9:00 | 220KV GEETA COLONY-PATPARGANJ CKT-I | 7/04/14 | 16:40 | AT PATPARGANJ SPARKING OBSERVED AT R PHASE WAVE TRAP |
| 15 | 8/04/14 | 6:31 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 8/04/14 | 8:15 | TR. TRIPPED ON O/C, 51B |
| 16 | 8/04/14 | 6:31 | 33KV IP - KILOKARI KILOKRI CKT (BAY-1) | 8/04/14 | 16:25 | CKT. PUT OFF DUE TO R PHASE BUS ISOLATOR DAMAGED |
| 17 | 9/04/14 | 13:48 | 220KV BAWANA - NAJAFGARH CKT | 9/04/14 | 14:17 | AT BAWANA CKT. TRIPPED ON ZONE -1, 21X, RYB DIST. 12.47KMS AT NAJAFGARH CKT. TRIPPED ON DIST. PROT. ZONE-1, DIST. 14.51KMS. |
| 18 | 9/04/14 | 16:23 | PARKSTREET 220/33KV 100MVA TX-I | 9/04/14 | 21:52 | TR. TRIPPED ON DIFFERENTIAL 87TB, C PHASE, 87TC, E/F ON LV SIDE |
| 19 | 9/04/14 | 18:11 | 220KV GOPALPUR-SUBZI MANDI CKT-II | 9/04/14 | 18:32 | CKT. TRIPPED ON 86 Z-1, RYB PHASE |
| 20 | 10/04/14 | 6:50 | OKHLA 33KV OKHLA CKT-I | 10/04/14 | 9:20 | CKT. TRIPPED ON E/F |
| 21 | 10/04/14 | 6:50 | OKHLA 33KV ALAKNANDA CKT-II | 10/04/14 | 13:10 | CKT. TRIPPED WITHOUT INDICATION |
| 22 | 10/04/14 | 17:25 | 220 KV GOPALPUR-WAZIRABAD CKT | 10/04/14 | 17:45 | CKT. TRIPPED ON DIST. PROT. ZONE -1, 0.7KM |
| 23 | 11/04/14 | 8:05 | VASANT KUNJ 220/66KV 100MVA TX-II | 11/04/14 | 13:40 | TR. MADE OFF DUE TO HIGH SOUND OBSERVED IN 66KV B PHASE CT |
| 24 | 12/04/14 | 9:51 | PRAGATI 220/66KV 160MVA TX-II | 12/04/14 | 10:32 | TR. TRIPPED ON 30D, OLTC, OSR TRIP, SPR TRIP, 30B, 30C |
| 25 | 12/04/14 | 9:51 | PRAGATI 220/66KV 160MVA TX-I | 12/04/14 | 10:28 | TR. TRIPPED ON OLTC, 30A, BUCH TRIP, 30D, 30B, 86, 86 |
| 26 | 12/04/14 | 11:26 | 220KV DSIIDC BAWANA-NARELA CKT-I | 12/04/14 | 12:01 | AT NARELA CKT. TRIPPED ON ABC PHASE, ZONE-1, DIST. 8.631KMS, 186 AT BAWANA CKT. TRIPPED ON ZONE-1 |
| 27 | 12/04/14 | 11:27 | ROHINI-II 220/66KV 160MVA TX-I | 12/04/14 | 16:03 | TR. TRIPPED ON 86B |

| SL NO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 28 | 12/04/14 | 11:28 | 220KV BAWANA-DSIIDC BAWANA CKT-I | 12/04/14 | 16:43 | AT DSIDC BAWANA CKT. TRIPPED ON DIST PROT., AUTO RECLOSE LOCK OUT, 180A, 86, 80B AT BAWANA NO TRIPPING |
| 29 | 12/04/14 | 12:26 | LODHI RD 33/11KV, 16MVA TX-IV | 12/04/14 | 12:36 | TR. TRIPPED ALONGWITH 11KV I/C ON OLTC, 86 |
| 30 | 12/04/14 | 18:57 | 220KV SARITA VIHAR - BTPS CKT.-I | 12/04/14 | 19:10 | AT BTPS CKT. TRIPPED ON PH - PH FAULT Y & B PHASE AT SARITA VIHAR NO TRIPPING |
| 31 | 13/04/14 | 4:58 | ROHINI-II 220/66KV 160MVA TX-I | 13/04/14 | 9:03 | TR. TRIPPED ALONGWITH I/C TR. TRIPPED ON 86T, 86LV I/C TRIPPED ON 86A |
| 32 | 13/04/14 | 17:15 | MEHRAULI 220/66KV 160MVA TX-I | 13/04/14 | 18:45 | TR. TRIPPED ON REF, HV SIDE , 186 ALONGWITH 66KV I/C |
| 33 | 13/04/14 | 17:15 | MEHRAULI 66KV MALVIYA NAGAR CKT-I | 13/04/14 | 18:45 | CKT. TRIPPED ON DIST PROT. R PHASE ZONE -I ALONGWITH TRIPPING OF 160MVA PR. TR. |
| 34 | 14/04/14 | 1:07 | 400KV BAWANA-MUNDKA CKT-II | 14/04/14 | 6:53 | AT BAWANA CKT TRIPPED ON 186A, 186B, DIST PROT. ZON E-1 AT MUNDKA CKT TRIPPED ON DIST PROT. ZONE -1, Y PHSE DIST. 34MTS. |
| 35 | 15/04/14 | 18:39 | PRAGATI 220/66KV 160MVA TX-I | 15/04/14 | 18:50 | TR. TRIPPED ON INTER TRIP, 86, 86 66KV I/C-I TRIPPED ON NO INDICATION |
| 36 | 15/04/14 | 18:39 | PRAGATI 220/66KV 160MVA TX-II | 16/04/14 | 20:24 | TR. TRIPPED ON DIFFERENTIAL, REF, HV , 86, 86 |
| 37 | 15/04/14 | 18:41 | 220KV PRAGATI - I.P.CKT - I | 16/04/14 | 1:00 | AT I.P. CKT. TRIPPED ON DIST. PROT. , 86, ABC AT PRAGATI NO TRIPPING |
| 38 | 15/04/14 | 18:41 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 16/04/14 | 19:30 | TR. TRIPPED ON REF HV SIDE 33KV I/C-II TRIPPED ON INTER TRIPPED |
| 39 | 16/04/14 | 7:27 | 220KV WAZIRABAD-GEETA COLONY CKT-I | 16/04/14 | 18:03 | AT WAZIRABAD CKT. TRIPPED ON DIST PROT. ZONE-1, DIST. 5.5KMS. AT GEETA COLONY CKT. TRIPPED ON DIST. PROT. ZONE-I E/F, DIST. 452MTS. |
| 40 | 16/04/14 | 7:31 | 220KV MEHRAULI - BTPS CKT. - I | 16/04/14 | 8:44 | AT MEHRAULI CKT. TRIPPED ON DIST PROT, ZONE-1, DISTANCE 14.87KMS. AT BTPS CKT. TIRPPED ON B PHASE E/F |
| 41 | 16/04/14 | 9:40 | SARITA VIHAR 220/66KV 100MVA TX-II | 16/04/14 | 9:42 | TR. TRIPPED ON 86 RELAY |
| 42 | 17/04/14 | 11:13 | SHALIMAR BAGH 33/11KV, 16MVA TX-I | 17/04/14 | 19:35 | TR. TRIPPED ON O/C R & B PHASE |
| 43 | 17/04/14 | 11:45 | SHALIMAR BAGH 220/33KV 100MVA TX-III | 17/04/14 | 11:48 | 33KV I/C TRIPPED ON E/F |
| 44 | 17/04/14 | 11:45 | SHALIMAR BAGH 220/33KV 100MVA TX-II | 17/04/14 | 11:48 | 33KV I/C TRIPPED ON E/F |
| 45 | 17/04/14 | 11:55 | ROHINI-II 220/66KV 160MVA TX-I | 17/04/14 | 13:00 | TR. TRIPPED ON 86B |
| 46 | 17/04/14 | 11:55 | ROHINI-II 220/66KV 160MVA TX-II | 17/04/14 | 13:00 | TR. TRIPPED ON 86B |
| 47 | 17/04/14 | 11:55 | 220KVBAWANA-ROHINI CKT-II | 17/04/14 | 12:57 | AT BAWANA CKT. TRIPPED ON 186 A&B, DIST PROT. A PHASE AT ROHINI NO TRIPPING |
| 48 | 17/04/14 | 12:08 | 220KV MAHARANI BAGH - SARITA VIHAR CKT | 17/04/14 | 13:07 | AT MAHARANI BAGH CKT. TRIPPED ON DIST. PROT. R PH DIST. 3.7KMS ZONE-2 AT SARITA VIHAR CKT. TRIPPED ONDIST. PROT ZONE 1 DIST. 1.48KM, 186ABC |
| 49 | 18/04/14 | 5:11 | 220KV GOPALPUR-MANDOLACKT-I | 18/04/14 | 10:38 | AT GOPALPUR CKT. TRIPPED ON DIST. PROT. DIST. 2.3KMS. AT MANDOLA CKT. TRIPPED ON DIST. PROT. ZONE -2, DIST. 21.64KMS. |
| 50 | 20/04/14 | 6:28 | KANJHAWALA 220/66KV 100MVA TX-I | 20/04/14 | 6:31 | 66KV I/C-I TRIPPED ON E/F, 86, 295 RELAY |
| 51 | 20/04/14 | 6:28 | KANJHAWALA 220/66KV 100MVA TX-II | 20/04/14 | 6:31 | 66KV I/C-II TRIPPED ON E/F, 86, 295 RELAY |
| 52 | 21/04/14 | 12:00 | NAJAFGARH 66/11KV, 20MVA TX-I | | | TR. TRIPPED ON BACKUP PROT. MASTER RELAY 86 |
| 53 | 21/04/14 | 15:15 | SARITA VIHAR 66KV DMRC CKT-II | 23/04/14 | 16:37 | CKT. TRIPPED WHILE TRIPPING OF 66KV I/C-II |
| 54 | 21/04/14 | 15:15 | SARITA VIHAR 66/11KV, 20MVA TX-II | 21/04/14 | 17:50 | SUPPLY FAIL WHILE TRIPPING OF 66KV I/C-II AT SARITA VIHAR |
| 55 | 21/04/14 | 15:15 | SARITA VIHAR 66KV DMRC CKT-I | 21/04/14 | 16:31 | CKT. TRIPPED ON 86, 186 |
| 56 | 23/04/14 | 9:48 | 220KV BAMNAULI-PAPPANKALAN-II CKT-II | 23/04/14 | 9:57 | CKT. TRIPPED ON 186 A&B |
| 57 | 24/04/14 | 10:08 | 220KV BAMNAULI-PAPPANKALAN-II CKT-II | 24/04/14 | 10:13 | AT BAMNAULI CKT. TRIPPED ON BACKUP PROT. 86BU AT PAPANALAN-II NOT TRIPPING |

| SL NO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|---|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 58 | 24/04/14 | 10:17 | 220KV BAMNAULI-PAPPANKALAN-II CKT-II | 24/04/14 | 10:18 | AT BAMNAULI CKT. TRIPPED ON DUE TO SPS PROT. AT PAPPANKALAN-II NO TRIPPING |
| 59 | 24/04/14 | 14:50 | PATPARGANJ 220/33KV 100MVA TX-I | 24/04/14 | 14:54 | TR. TRIPPED WITHOUT INDICATION |
| 60 | 25/04/14 | 8:38 | MEHRAULI 220/66KV 160MVA TX-I | 25/04/14 | 14:23 | TR. TRIPPED ON REFHV, 186 |
| 61 | 25/04/14 | 8:38 | 220KV MEHRAULI - VASANT KUNJ CKT.- II | 25/04/14 | 9:07 | AT MEHRAULI CKT. TRIPPED ON DIST PROT. 186A&B, 295C AT VASANT KUNJ ONLY SUPPLY FAIL NO TRIPPING |
| 62 | 25/04/14 | 8:38 | 220KV MEHRAULI - VASANT KUNJ CKT.-I | 25/04/14 | 9:07 | AT MEHRAULI CKT. TRIPPED ON DIST PROT. 186A&B AT VASANT KUNJ ONLY SUPPLY FAIL NO TRIPPING |
| 63 | 25/04/14 | 9:46 | 220KV BAMNAULI-PAPPANKALAN-II CKT-II | 25/04/14 | 9:48 | CKT. TRIPPED ON SPS |
| 64 | 26/04/14 | 11:59 | 220KV OKHLA - BTPS CKT. - II | 26/04/14 | 13:01 | AT BTPS CKT. TRIPPED ON B PHASE, E/F, DIST PROT. 2.7KM AT OKHLA NO TRIPPING |
| 65 | 26/04/14 | 12:58 | 220KV GOPALPUR-MANDOLACKT-I | 26/04/14 | 13:45 | AT GOPALPUR CKT. TRIPPED ON R,Y,B PHASE ZONE-I, DIST PROT. 0.2KMS AT MANDOLA CKT. TRIPPED ON R PHASE ZONE-I, DIST. PROT., DIST. 19.67KMS. |
| 66 | 27/04/14 | 13:19 | 220KV MEHRAULI - VASANT KUNJ CKT.-I | 27/04/14 | 14:54 | AT MEHRAULI CKT TRIPPED ON D/P,Z-1,186 A&B. NO TRIPPING AT VASANT KUNJ. |
| 67 | 27/04/14 | 13:19 | MEHRAULI 220/66KV 160MVA TX-I | 27/04/14 | 16:30 | TX TRIPPED ON REF HV SIDE,186. |
| 68 | 27/04/14 | 21:35 | PATPARGANJ 33/11KV, 20MVA TX | 28/04/14 | 3:50 | TX TRIPPED ON 86,DIFFERENTIAL.Y-PHASE CABLE OF 11KV I/C FOUND FAULTY. TX CHARGED AFTER REMOVING FAULTY CABLE. |
| 69 | 28/04/14 | 12:27 | 220KV PRAGATI - SARITA VIHAR CKT | 28/04/14 | 12:45 | AT SARITA VIHAR CKT TRIPPED ON D/P,Z-1,AB&C-PHASE,AUTO RE-CLOSE,186A&B, DIST-2.25KM. AT PRAGATI CKT TRIPPED ON D/P,Z-2. |
| 70 | 28/04/14 | 13:14 | 220KV BAWANA-SHALIMARBAGH CKT-I | 28/04/14 | 17:21 | AT BAWANA CKT TRIPPED ON D/P,Z-1,A-PHASE,AUTO RE-CLOSE,186A&B. NO TRIPPING OCCURED AT SHALIMARBAGH. |
| 71 | 28/04/14 | 13:37 | 220KV GOPALPUR-MANDOLACKT-I | 28/04/14 | 14:46 | AT GOPALPUR CKT TRIPPED ON D/P,Z-1,R&Y-PHASE,186A&B. AT MANDOLA CKT TRIPPED ON D/P,Z-1,186A&B,DIST-19KM. |
| 72 | 28/04/14 | 13:45 | 220KV MEHRAULI - VASANT KUNJ CKT.-I | 28/04/14 | 20:10 | AT MEHRAULI CKT TRIPPED ON D/P,Z-1,A-PHASE.NO TRIPPING OCCURRED AT VASANTKUNJ. |
| 73 | 28/04/14 | 19:30 | 220KV BAMNAULI-PAPPANKALAN-I CKT-I | 29/04/14 | 16:35 | AT PPK-1 CKT TRIPPED ON BACKUP PROT, AUTO RE-CLOSE LOCKOUT,67N. NO TRIPPING AT BAMNAULI. B-PHASE JUMPER DISCONNECT AT TENSION TOWER NO-44. |
| 74 | 29/04/14 | 7:23 | PAPPANKALAN-II 66KV G-5 MATIALA CKT | 30/04/14 | 18:33 | CKT TRIPPED ON E/F,86. EARTH STRIP DAMAGED AT PPK-2. |
| 75 | 29/04/14 | 7:24 | 220KV BAMNAULI-PAPPANKALAN-II CKT-I | 29/04/14 | 7:39 | AT BAMNAULI CKT TRIPPED ON D/P,A-PHASE,186A&B. NO TRIPPING AT PPK-2. |
| 76 | 29/04/14 | 11:34 | 220KV DIAL- MEHRAULI CKT-II | 29/04/14 | 12:20 | AT DIAL CKT TRIPPED ON D/P,Z-1,REF FUSE FAIL. AT MEHRAULI CKT TRIPPED ON D/P,B-PH,186. |
| 77 | 29/04/14 | 12:40 | 220KV PRAGATI - SARITA VIHAR CKT | 29/04/14 | 12:50 | AT PRAGATI CKT TRIPPED ON D/P,Z-1,186. AT SARITA VIHAR CKT TRIPPED ON D/P,Z-1,DIST-2.809 KM,186A&B . |
| 78 | 29/04/14 | 12:54 | 220KV PRAGATI - SARITA VIHAR CKT | 29/04/14 | 23:03 | AT PRAGATI CKT TRIPPED ON D/P,Z-1,AB&C-PH,DIST-2.789 KM A/R,186A&B. AT SARITA VIHAR CKT TRIPPED ON D/P,Z-1,186A&B. CONDUCTOR FOUND HANGING B/W TOWER NO 30&31. |
| 79 | 29/04/14 | 13:25 | 220KV OKHLA - BTPS CKT. - II | 29/04/14 | 13:55 | AT BTPS CKT TRIPPED ON D/P,Z-1,B-PH,DIST-03 KM. NO TRIPPING AT OKHLA. |
| 80 | 29/04/14 | 20:18 | NAJAFGARH 220/66KV 100MVA TX-III | 29/04/14 | 20:36 | 66KV I/C-3 TRIPPED ON O/C,51CX. |
| 81 | 29/04/14 | 20:18 | NAJAFGARH 66KV PASCHIM VIHAR CKT-II (BODHELA-II CKT-II) | 30/04/14 | 18:05 | B-PHASE CT OF CKT DAMAGED. |

| SL NO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|---|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 82 | 29/04/14 | 20:18 | NAJAFGARH 220/66KV 100MVA TX-I | 29/04/14 | 23:20 | TX TRIPPED ON REF. |
| 83 | 30/04/14 | 7:20 | WAZIRABAD 220/66KV 100MVA TX-I | 30/04/14 | 7:40 | 66KV I/C-1 TRIPPED ON E/F |
| 84 | 30/04/14 | 7:20 | WAZIRABAD 220/66KV 100MVA TX-II | 30/04/14 | 9:08 | TX TRIPPED ON PRV LOW OIL ALARM. |
| 85 | 30/04/14 | 10:41 | 400KV MUNDKA-JHATIKARA CKT-II | 30/04/14 | 11:00 | AT MUNDKA CKT TRIPPED ON CHANNEL-1&2. POLE DISCREPANCY APPEAR AT CB NO-404. CVT AVAILABLE AT MUNDKA. |
| 86 | 30/04/14 | 10:41 | 400KV MUNDKA-JHATIKARA CKT-I | 30/04/14 | 18:52 | AT MUNDKA CKT TRIPPED ON D/P,Z-1,B-PH,A/R,DIST-9.3KM. AT JHATIKARA CKT TRIPPED ON D/P,Z-1,B-PH,A/R,DIST-15KM. CLOTH FOUND HANGING AT TOWER NO-142. |
| 87 | 30/04/14 | 11:41 | 220KV GOPALPUR-MANDOLACKT-II | 30/04/14 | 17:21 | AT MDL CKT TRIPPED ON D/P,Z-1,Y&B-PH,DIST-13.7KM. NO TRIPPING AT GOPALPUR. |
| 88 | 30/04/14 | 11:45 | 220KV BAMNAULI-PAPPANKALAN-II CKT-I | 30/04/14 | 12:32 | AT BAMNAULI CKT TRIPPED ON D/P,B&C-PH,186A&B. AT PPK-2 CKT TRIPPED ON D/P,B&C-PH. |
| 89 | 30/04/14 | 11:50 | 220KV MEHRAULI - BTPS CKT. - I | 30/04/14 | 12:13 | AT MEHRAULI CKT TRIPPED ON D/P,Z-2,AB&C-PH,DIST-16.72 KM. AT BTPS CKT TRIPPED ON D/P,Z-2,AB&C-PH,DIST-0KM. |
| 90 | 30/04/14 | 12:55 | LODHI RD 33/11KV, 20MVA TX-I | 30/04/14 | 17:45 | TX TRIPPED ON AUX RELAY,86. |
| 91 | 30/04/14 | 18:24 | NAJAFGARH 66KV PASCHIM VIHAR CKT-I (BODHELA-II CKT-I) | 30/04/14 | 21:05 | D/P,Z-1,2&3,RY&B-PH RELAY APPEARED BUT CKT DID NOT TRIP. CKT MADE OFF FOR CHECKING THE RELAY. |
| 92 | 30/04/14 | 19:03 | PAPPANKALAN-I 66KV G-2 PPK CKT-II | 1/05/14 | 19:01 | CKT TRIPPED ON D/P,Z-1,Y-PH . B-PH CT DAMAGED. |
| 93 | 30/04/14 | 19:03 | PAPPANKALAN-I 220/66KV 100MVA TX-IV | 30/04/14 | 19:40 | TX TRIPPED ON 86B. |
| 94 | 30/04/14 | 19:03 | 220KV BAMNAULI-PAPPANKALAN-I CKT-II | 30/04/14 | 19:15 | AT BAMNAULI CKT TRIPPED ON D/P. NO TRIPPING AT PPK-1. |
| 95 | 30/04/14 | 19:03 | 220KV BAMNAULI-PAPPANKALAN-I CKT-I | 30/04/14 | 19:15 | AT BAMNAULI CKT TRIPPED ON D/P. NO TRIPPING AT PPK-1. |

19.2 DETAILS OF 400/220KV BREAKDOWN/TRIPPINGS OCCURRED IN DTL SYSTEM DURING THE MONTH MAY –2014

| SL NO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|-------------------------------------|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 1 | 1/05/14 | 11:37 | 400KV MUNDKA-JHATIKARA CKT-I | 1/05/14 | 20:36 | AT MUNDKA CKT TRIPPED ON D/P,Z-1,B-PH,DIST-7.8KM,E/F. NO TRIPPING AT MUNDKA. |
| 2 | 1/05/14 | 12:11 | 220KV BAWANA-SHALIMARBAGH CKT-II | 1/05/14 | 12:18 | AT BAWANA CKT TRIPPED ON D/P,A-PH,A/R. NO TRIPPING AT SHALIMARBAGH. |
| 3 | 1/05/14 | 14:14 | 220KV PRAGATI - SARITA VIHAR CKT | 1/05/14 | 14:24 | AT SARITA VIHAR CKT TRIPPED ON D/P,Z-1,A,B&C-PH,DIST-4.459KM. AT PRAGATI CKT TRIPPED ON D/P,Z-1,A,B&C-PH,DIST-8.22KM. |
| 4 | 1/05/14 | 14:32 | 220KV GAZIPUR - BTPS CKT | 20/05/14 | 11:38 | AT GAZIPUR CKT TRIPPED ON D/P,Z-1. AT BTPS CKT TRIPPED ON D/P,R-PH,DIST-10.3KM. |
| 5 | 1/05/14 | 16:04 | 220KV BAMNAULI-PAPPANKALAN-I CKT-II | 1/05/14 | 16:35 | AT BAMNAULI CKT TRIPPED ON AT D/P,Z-1,A-PH,186A&B.NO TRIPPING AT PPK-1. |
| 6 | 1/05/14 | 16:04 | 220KV BAMNAULI-PAPPANKALAN-I CKT-I | 1/05/14 | 16:20 | AT BAMNAULI CKT TRIPPED ON AT D/P,Z-1,A-PH,186A&B.NO TRIPPING AT PPK-1. |

| SL NO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|---|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 7 | 1/05/14 | 16:04 | PAPPANKALAN-I 220/66KV 100MVA TX-IV | 1/05/14 | 16:32 | TX TRIPPED ON 86A&B. 66KV I/C-4 TRIPPED ON O/C, E/F |
| 8 | 2/05/14 | 14:17 | 220KV GEETA COLONY-PATPARGANJ CKT -II | 2/05/14 | 19:24 | AT GEETA COLONY CKT. TRIPPED ON O/C, E/F, DIST. PROT. ZONE-1, DISTANCE 2.106KM, AT PATPARGANJ CKT. TRIPPED ON O/C, E/F ZONE-1, DISTANCE 3.246KMS |
| 9 | 2/05/14 | 14:17 | 220KV GEETA COLONY-PATPARGANJ CKT-I | 2/05/14 | 19:24 | AT GEETA COLONY CKT. TRIPPED ON ACTIVE GROUP -I START PHASE ABC, TRIP PHASE ABC, DIST. PROT. ZONE-1 DISTANCE 3.316KMS, O/C, E/F AT PATPARGANJ CKT. TRIPPED ON START PHASE ABC, E/F, ZONE-1, DISTANCE 950MTS., 186, 186 |
| 10 | 2/05/14 | 18:15 | GAZIPUR 220/66KV 100MVA TX-I | 2/05/14 | 18:25 | TR. TRIPPED WITHOUT INDICATION |
| 11 | 3/05/14 | 9:08 | 220KV OKHLA - BTPS CKT. - I | 3/05/14 | 9:31 | AT BTPS CKT. TRIPPED ON DIST. PROT. DISTANCE 2.5KMS, B PHASE E/F. NO TRIPPING AT OKHLA. |
| 12 | 4/05/14 | 1:58 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 4/05/14 | 15:15 | 33KV I/C-II TRIPPED WITHOUT INDICATION |
| 13 | 4/05/14 | 8:36 | SUBZI MANDI 33/11KV, 16MVA TX-I | 4/05/14 | 9:22 | TR. TRIPPED ON 51R, Y, B, 86 ALONGWITH 11KV I/C-I |
| 14 | 4/05/14 | 10:27 | 220KV GAZIPUR - NOIDA SEC.-62 CKT | 4/05/14 | 11:25 | AT NOIDA SEC. 62 CKT. TRIPPED ON DIST. PROT., R, Y & B PHASE 86, 186A, NO TRIPPING AT GAZIPUR |
| 15 | 4/05/14 | 12:20 | 220KV GAZIPUR - NOIDA SEC.-62 CKT | 4/05/14 | 12:33 | AT GAZIPUR ONLY SUPPLY FAIL FROM NOIDA SEC. 62 |
| 16 | 4/05/14 | 13:27 | 220KV OKHLA - BTPS CKT. - II | 4/05/14 | 14:14 | AT BTPS CKT TRIPPED ON DIST. PRO. DISTANCE 3.1KM., ZONE-1, NO TRIPPING AT OKHLA. |
| 17 | 5/05/14 | 19:55 | PAPPANKALAN-I 220/66KV 100MVA TX-IV | 5/05/14 | 20:39 | TR. TRIPED ON 86 A&B |
| 18 | 5/05/14 | 22:14 | PAPPANKALAN-I 220/66KV 100MVA TX-IV | 5/05/14 | 22:23 | TR. TRIPPED ON 86 A&B |
| 19 | 6/05/14 | 13:25 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 8/05/14 | 18:20 | TR. TRIPPED ON E/F |
| 20 | 6/05/14 | 13:27 | INDRAPRASTHA POWER 33KV NIZAMUDDIN CKT (BAY-13) | 6/05/14 | 18:07 | CKT. TRIPPED, R PHASE CT DAMAGED |
| 21 | 7/05/14 | 2:39 | 220KV GOPALPUR-SUBZI MANDI CKT-I | 7/05/14 | 2:49 | AT GOPALPUR CKT. TRIPPED WITHOUT INDICATION. NO TRIPPING AT SUBZI MANDI. |
| 22 | 7/05/14 | 14:18 | MUNDKA 220/66KV 160MVA TX-II | 7/05/14 | 14:31 | TR. TRIPPED ON 86, MASTER RELAY |
| 23 | 8/05/14 | 18:15 | 220KV BAMNAULI-NAJAFGARH CKT-II | 8/05/14 | 18:57 | AT NAJAFGARH CKT. TRIPPED ON 186, ABC PHASE, DISP PROT. ZONE-I DISTANCE 6.609KMS. AT BAMNAULI CKT. TRIPPED ON DIST. PROT. ZONE-2, C PHASE |
| 24 | 8/05/14 | 18:15 | 220KV BAMNAULI - DIAL CKT-I | 8/05/14 | 18:57 | AT DIAL CKT. TRIPPED ON REL B PHASE FAULTY, Z-2 APPEARED , REL MAIN-2, RYB PHASE TRIP. NO TRIPPING AT BAMNAULI. |
| 25 | 8/05/14 | 18:23 | 220KV BAMNAULI-NAJAFGARH CKT-I | 8/05/14 | 18:44 | AT NAJAFGARH CKT. TRIPPED ON 186, NO TRIPPING AT BAMNAULI |
| 26 | 8/05/14 | 18:26 | 400KV BAMNAULI-JHATIKARA CKT-I | 9/05/14 | 19:15 | AT BAMNAULI CKT. TRIPPED ON DIST PROT, ZONE - 1, 0.4KM, AB PHASE AT JHATIKRA CKT. TRIPPED ON DIST. PROT. DIST 9.52KS, |
| 27 | 8/05/14 | 18:30 | PAPPANKALAN-I 66/11KV, 20MVA TX-II | 8/05/14 | 19:10 | TR. TRIPPED ON O/C R -Y PHASE, 86 |
| 28 | 8/05/14 | 18:37 | 220KV GOPALPUR-SUBZI MANDI CKT-I | 8/05/14 | 19:28 | CKT TRIPPED ON TRANSIENT FAULT |
| 29 | 8/05/14 | 18:37 | 220KV GOPALPUR-SUBZI MANDI CKT-II | 8/05/14 | 19:28 | CKT TRIPPED ON TRANSIENT FAULT |

| SL NO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|---|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 30 | 8/05/14 | 18:38 | 220KV GOPALPUR-MANDOLACKT-II | 8/05/14 | 19:30 | AT GOPALPUR CKT. TRIPPED ON RYB PHASAE (MAIN -1), DIST PROT, ZONE-1, DIST 1.1KMS AT MANDOLA CKT. TRIPPED ON ZONE -1, DIST 19.98KMS. |
| 31 | 8/05/14 | 18:38 | 220KV GOPALPUR-MANDOLACKT-I | 8/05/14 | 19:30 | AT MANDOLA DIST. PROT ZONE 2, DIST. 22.06KM, NO TRIPPING AT GOPALPUR |
| 32 | 8/05/14 | 18:43 | 220KV WAZIRABAD-GEETA COLONY CKT-I | 8/05/14 | 19:03 | AT GEETA COLONY CKT. TRIPPED ON DIST PROT, DIST 1.75KS, E/F AT WAZIRABAD CKT. TRIPPED ON RYB PHASE, 186, DIST. PROT. DIST. 4.5KMS. |
| 33 | 9/05/14 | 6:12 | LODHI RD 33/11KV, 20MVA TX-II | 9/05/14 | 13:58 | TR. TRIPPED ON OLTC, M-86 |
| 34 | 9/05/14 | 8:15 | PATPARGANJ 220/33KV 100MVA TX-IV | 9/05/14 | 9:40 | TR. TRIPPED ON 86B, GROUP B |
| 35 | 9/05/14 | 10:32 | PAPPANKALAN-I 220/66KV 100MVA TX-IV | 9/05/14 | 11:30 | TR. TRIPPED ON 95B, 86B, E/F , O/C |
| 36 | 10/05/14 | 6:40 | 220KV GAZIPUR - NOIDA SEC.-62 CKT | 10/05/14 | 7:00 | AT GAZIPUR SUPPLY FAIL FROM NOIDA SEC. 62 |
| 37 | 10/05/14 | 9:38 | 220KV GAZIPUR - NOIDA SEC.-62 CKT | 10/05/14 | 9:50 | SUPPLY FAIL FROM NOIDA SECTOR 62 |
| 38 | 10/05/14 | 10:41 | 220KV OKHLA - BTPS CKT.- I | 10/05/14 | 11:10 | AT BTPS CKT. TRIPPED ON DIST. PROT. DISTANCE 2.1KM, ZONE-1. NO TRIPPING AT OKHLA. |
| 39 | 10/05/14 | 12:06 | 220KV GOPALPUR-SUBZI MANDI CKT-I | 10/05/14 | 12:45 | AT GOPALPUR CKT. TRIPPED ON DIST. PROT, DISTANCE 3.4KM, AT SUBZI MANDI ONLY SUPPLY FAILED |
| 40 | 11/05/14 | 12:14 | GEETA COLONY 33KV SHAKAR PUR CKT | 11/05/14 | 12:34 | WHILE ARRANGING THE SHUTDOWN 33KV SHAKARPUR CKT. TRIPPED |
| 41 | 12/05/14 | 16:40 | KASHMIRI GATE 220/33KV 100MVA TX-I | 12/05/14 | 16:51 | 33KV I/C-1 TRIPPED ON F/F. |
| 42 | 13/05/14 | 16:52 | BAWANA 66KV BAWANA S/STN NO. 6 | 13/05/14 | 20:17 | CKT TRIPPED ON D/P,A/R,86. Y-PH LA DAMAGED. |
| 43 | 14/05/14 | 3:34 | 220KVBAWANA-ROHINI CKT-II | 14/05/14 | 17:15 | AT BWN CKT TRIPPED ON E/F,186. NO TRIPPING AT ROHINI. JUMPER DAMAGED AT TOWER NO-14. |
| 44 | 14/05/14 | 7:30 | GAZIPUR 66/11KV, 20MVA TX-I | 17/05/14 | 12:05 | TX TRIPPED ON O/C,86. 11KV I/C TRIPPED ON O/C,86 |
| 45 | 14/05/14 | 14:43 | 220KV GAZIPUR - NOIDA SEC.-62 CKT | 14/05/14 | 19:27 | SUPPLY FAILED FROM NOIDA SECTOR-62. NO TRIPPING AT GAZIPUR. |
| 46 | 15/05/14 | 12:47 | 220KV MAHARANI BAGH - ELECTRIC LANE CKT-I | 15/05/14 | 13:25 | AT MAHARANIBAGH CKT TRIPPED ON O/C. AT ELECTRIC LANE CKT TRIPPED WITHOUT INDICATION. |
| 47 | 17/05/14 | 8:58 | OKHLA 66/11KV, 20MVA TX-II | 17/05/14 | 16:22 | TR. TRIPPED ON 64 RLV ALONGWITH 11KV I/C-II ON 86 |
| 48 | 17/05/14 | 14:34 | PAPPANKALAN-I 220/66KV 100MVA TX-IV | 17/05/14 | 14:46 | TR. TRIPPED ON O/C, 86 ALONGWITH 66KV I/C-IV ON INTERTRIPPING |
| 49 | 17/05/14 | 14:34 | 220KV BAMNAULI-PAPPANKALAN-I CKT-I | 18/05/14 | 20:00 | AT PANKALAN-I CKT. TRIPPED DUE TO CVT BLAST AT BAMNAULI CKT. TRIPPED DIST PROT. ZONE -2, B & C PHASE, 86A, 186B |
| 50 | 17/05/14 | 21:30 | 220KV GAZIPUR - NOIDA SEC.-62 CKT | 18/05/14 | 5:30 | AT GAZIPUR SUPPLY FAIL FROM NOIDA SEC. 62 |
| 51 | 17/05/14 | 22:58 | NAJAFGARH 66/11KV, 20MVA TX-I | 17/05/14 | 23:01 | TR. TRIPPED WITHOUT INDICATION |
| 52 | 18/05/14 | 12:50 | 220KV BAMNAULI-NAJAFGARH CKT-I | 18/05/14 | 16:25 | AT BAMNAULI CKT. TRIPPED ON 86BV, 186 A&B, 67 , O/C AT NAJAFGARH CKT. TRIPPED ON DIST. PROT., ZONE-1, DISTANCE 5KMS |
| 53 | 18/05/14 | 14:18 | 220KV BAMNAULI-NAJAFGARH CKT-II | 18/05/14 | 16:25 | CKT. MANUALLY MADE OFF AS FIRE REPORTED |
| 54 | 18/05/14 | 15:15 | 220KV BAMNAULI-NARAINA CKT-I | 18/05/14 | 16:28 | AT BAMNAULI CKT. TRIPPED ON DIST. PROT, B & C PHASE,FIRE OBSERVED IN YARD AT NARAINA CKT. TRIPPED ON 86A, 86B, 86, AUTO RECLOSE |
| 55 | 18/05/14 | 17:55 | INDRAPRASTHA POWER 220/33KV 100MVA TX-III | 19/05/14 | 16:57 | TR. TRIPPED ON 86, 51N, 186, 33KV I/C-III ON 95ABC-1, 95ABC-2, O/C, E/F, 33KV BAY NO. 13 ALSO TRIPPED ON E/F WHICH WAS DECLARED FAULTY |
| 56 | 18/05/14 | 17:55 | INDRAPRASTHA POWER 33KV EXHIBITION GR-2 CKT (BAY-9) | 19/05/14 | 1:10 | HEAVY FIRE OBSERVED ON BREAKER SIDE, MADE OFF MANUALLY |

| SL NO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 57 | 18/05/14 | 18:40 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 18/05/14 | 20:05 | 33KV I/C -II TRIPPED ON E/F |
| 58 | 20/05/14 | 9:55 | GAZIPUR 66KV 20MVAR CAP. BANK-I | 20/05/14 | 13:00 | CAPACITOR BANK TRIPPED ON UNBALANCING OF CURRENT |
| 59 | 22/05/14 | 14:40 | 220KV MEHRAULI - BTPS CKT. - II | 22/05/14 | 18:59 | AT MEHRAULI CKT TRIPPED ON TRIP PHASE ABC, GROUP -1, ZONE-1, DIST 3.059KM, 186, 186, WAVE TRAP R PHASE FLASH (LINE ISOLATOR CLAMP CONDUCTOR) AT BTPS : CKT. TRIPPED ON R PHASE DIST. PROT, DISTANCE 16.2KM, ZONE -II |
| 60 | 23/05/14 | 11:43 | SHALIMAR BAGH 220/33KV 100MVA TX-III | 23/05/14 | 12:04 | 33KV I/C -III TRIPPED WITH BLAST AS 33KV SMB KHOSLA U/G CKT. -I TRIPPED ON E/F |
| 61 | 23/05/14 | 11:43 | SHALIMAR BAGH 220/33KV 100MVA TX-II | 23/05/14 | 12:04 | 33KV I/C - II TRIPPED WITH BLAST AS 33KV SMB KHOSLA U/G CKT. -I TRIPPED ON E/F |
| 62 | 23/05/14 | 11:43 | SHALIMAR BAGH 220/33KV 100MVA TX-I | 23/05/14 | 12:04 | 33KV I/C I TRIPPED WITH BLAST AS 33KV SMB KHOSLA U/G CKT. -I TRIPPED ON E/F |
| 63 | 23/05/14 | 12:13 | 220KV MEHRAULI - BTPS CKT. - I | 23/05/14 | 12:34 | AT MEHRAULI : CKT. TRIPPED ON 186, 186, A/G-1, S-CN PHASE TRIP PHASE ABC, ZONE-2, DIST PROT, DIST. 13.7KMS, AT BTPS CKT TRIP ON B PHASE, E/F, DIST PROT, DIST 6.4KMS |
| 64 | 23/05/14 | 12:47 | 220KV MEHRAULI - BTPS CKT. - I | 23/05/14 | 13:56 | AT MEHRAULI : CKT. TRIPPED ON 186, 186, A/G-1, S-C PHASE, TRIP ABC, ZONE-2, DIST PROT, DISTANCE 17.50KMS. AT BTPS CKT. TRIPPED ON DIST. PROT, DIST 6.3KM, B PHASAE |
| 65 | 23/05/14 | 13:29 | 220KV SARITA VIHAR - BTPS CKT.-II | 23/05/14 | 14:40 | CKT. MADE OFF MANUALLY DUE TO OVERLOADING |
| 66 | 23/05/14 | 13:31 | 220KV SARITA VIHAR - BTPS CKT.-I | 24/05/14 | 21:32 | AT SARITA VIHAR CKT. TRIPPED ON R PHSE POLE BLAST AT BTPS CKT. MADE OFF MANUALLY |
| 67 | 23/05/14 | 13:31 | SARITA VIHAR 220/66KV 100MVA TX-I | 23/05/14 | 14:39 | TR. TRIPPED ALONGWITH I/C-I ON O/C, E/F, 86, 86, 51N |
| 68 | 23/05/14 | 13:31 | SARITA VIHAR 220/66KV 100MVA TX-II | 23/05/14 | 14:39 | TR. TRIPPED ALONGWITH I/C -II ON 86 |
| 69 | 23/05/14 | 13:50 | 220KV MEHRAULI - BTPS CKT. - II | 23/05/14 | 18:48 | AT MEHRAULI CKT. TRIPPED ON 186, TRIP PHASE ABC PHASE, DIST PROT, ZONE-2, DISTANCE 14.5KMS. AT BTPS : CKT. TRIPPED ON R PHASE E/F, DIST PROT, DISTANCE 7.5KMS. |
| 70 | 23/05/14 | 14:00 | 220KV MEHRAULI - BTPS CKT. - I | 23/05/14 | 19:15 | AT MEHRAULI : CKT. TRIPPED ON 186, TRIP ABC PHASE, DISTANCE PROT, ZONE-2, DISTANCE 17.50KM AT BTPS : CKT. TRIPPED ON B PHASE, E/F, DIST PROT, 6.4KMS. |
| 71 | 23/05/14 | 14:25 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 23/05/14 | 14:55 | 33KV I/C-II TRIPPED ON WITHOUT INDICATION |
| 72 | 24/05/14 | 14:03 | 220KV GOPALPUR-SUBZI MANDI CKT-I | 24/05/14 | 17:04 | CKT. TRIPPED ON DIST PROT. DISTANCE 3.5KM, RYB PHASE |
| 73 | 25/05/14 | 0:57 | 220KV PRAGATI - I.P.CKT - I | 25/05/14 | 19:56 | AT PRAGATI : CKT. TRIPPED ON 96F (BUS BAR PROTECTION) AT I.P. DIST. PROT. Z-1, ABC PHASE. |
| 74 | 25/05/14 | 0:57 | 220KV PRAGATI - I.P.CKT - II | 25/05/14 | 19:56 | AT PRAGATI : B PHASE CT DAMAGED AND CAUGHT FIRE. AT I.P. : CKT. TRIPPED ON 86 A, B, C ALL PHASE, Z-1 |
| 75 | 25/05/14 | 0:57 | 220KV PRAGATI - PARK STREET CKT-I | 25/05/14 | 1:19 | AT PRAGATI : CKT. TRIPPED ON 96, 96, 186. NO TRIPPING AT PARK STREET. |
| 76 | 25/05/14 | 0:57 | 220KV PRAGATI - PARK STREET CKT-II | 25/05/14 | 1:19 | AT PRAGATI : CKT. TRIPPED ON 96, 96, 186. NO TRIPPING AT PARK STREET. |
| 77 | 25/05/14 | 0:57 | 220KV MAHARANI BAGH - PRAGATI CKT | 25/05/14 | 1:18 | AT PRAGATI : CKT. TRIPPED ON 96T, 186 AT MAHARANI BAGH : NO TRIPPING, BUT RELAYS APPEARED DIST. PRO, Z-2 & 3 |
| 78 | 25/05/14 | 0:57 | 220KV PRAGATI - SARITA VIHAR CKT | 25/05/14 | 1:12 | AT PRAGATI : CKT. TRIPPED ON 96T, 186. NO TRIPPING AT SARITA VIHAR. |
| 79 | 25/05/14 | 0:57 | PRAGATI 220/66KV 160MVA TX-I | 25/05/14 | 1:15 | TR. TRIPPED ON 96T, BUS BAR PROTECTION |
| 80 | 25/05/14 | 0:57 | PRAGATI 220/66KV 160MVA TX-II | 25/05/14 | 1:15 | TR. TRIPPED ON 96T, BUS BAR PROT. |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|---|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 81 | 25/05/14 | 19:11 | 400KV BALLABHGARH-BAMNAULI CKT-I | 25/05/14 | 19:44 | AT BAMNAULI CKT. TRIPPED ON 186A&B, 85LO, DIST PROT, (CVT AVAILABLE) |
| 82 | 25/05/14 | 19:12 | 400KV BALLABHGARH-BAMNAULI CKT-II | 25/05/14 | 19:44 | AT BAMNAULI CKT. TRIPPED ON 186A&B, 85LO, DIST PROT, (CVT AVAILABLE) |
| 83 | 25/05/14 | 21:14 | GAZIPUR 220/66KV 100MVA TX-I | 25/05/14 | 22:28 | TR. TRIPPED ON TRIP CKT. FAULTY, DC PROT. FAIL |
| 84 | 26/05/14 | 14:18 | BAWANA 400/220KV 315MVA ICT-II | 26/05/14 | 14:49 | ICT TRIPPED ON TRIP RELAY GROUP A 86A, GROUP B 86B, I/C-II (OF 315MVA) TRIP ON CB AUTO TRIP |
| 85 | 26/05/14 | 14:24 | BAWANA 220/66KV 100MVA TX | 26/05/14 | 14:41 | TR. TRIPPED ON POLE DISCRIPANCY |
| 86 | 26/05/14 | 15:01 | BAWANA 220/66KV 100MVA TX | 26/05/14 | 15:24 | TR. TRIPPED ON POLE DISCRIPANCY |
| 87 | 26/05/14 | 15:01 | BAWANA 400/220KV 315MVA ICT-II | 26/05/14 | 15:20 | ICT-II TRIPPED ON TRIPPING RELAY GROUP A, 86AA, GROUP D, 86B ALONGWITH I/C ON CB AUTO TRIP |
| 88 | 26/05/14 | 15:35 | BAWANA 220/66KV 100MVA TX | 26/05/14 | 16:05 | TR. TRIPPED ON POLE DISCRIPANCY |
| 89 | 26/05/14 | 15:35 | BAWANA 400/220KV 315MVA ICT-II | 26/05/14 | 19:50 | ICT TRIPPED ON TRIP RELAY GROUP 86A, GROUP-B, 86B |
| 90 | 26/05/14 | 17:20 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 26/05/14 | 17:40 | TR. TRIPPED ON O/C, R PHASE ALONGWITH 33KV BAY 6 TILAK MARG ON E/F |
| 91 | 27/05/14 | 15:17 | 220KV GEETA COLONY-PATPARGANJ CKT-I | 27/05/14 | 15:50 | AT GEETA COLONY CKT. TRIPPED ON START PHASE BC, TRIP PHASE A&C, O/C, E/F, ZONE-II, DISTANCE 5.370KMS. NO TRIPPING AT PATPARGANJ. |
| 92 | 27/05/14 | 15:17 | 220 KV PATPARGANJ - I.P. CKT-I | 27/05/14 | 17:11 | AT I.P. : CKT .TRIPPED ON 86, 186, DIST PROT, ZONE-I, ABC AT PATPARGANJ : NO TRIPPING |
| 93 | 27/05/14 | 15:25 | BAWANA 400/220KV 315MVA ICT-II | 27/05/14 | 15:37 | BOTH CB TIE & MAINS OF ICT TRIPPED ON 86, A&B. |
| 94 | 27/05/14 | 15:25 | BAWANA 220/66KV 100MVA TX | 27/05/14 | 15:35 | TR. TRIPPED ON CB AUTO TRIP |
| 95 | 27/05/14 | 16:55 | 400KV MANDOLA-BAWANA CKT-I | 27/05/14 | 19:17 | CKT. TRIPPED WITHOUT INDICATION |
| 96 | 28/05/14 | 8:25 | WAZIRABAD 66KV SHASTRI PARK CKT-I | 28/05/14 | 15:26 | CKT. TRIPPED ON Z-I, Y PHASE, 86, 86, 295, 186 A/R - A&B CKT TRIPPED DUE TO PROTECTION TESTING OF ISLANDING SCHEME. |
| 97 | 28/05/14 | 9:09 | PAPPANKALAN-I 220/66KV 100MVA TX-IV | 28/05/14 | 13:47 | TR. TRIPPED WITHOUT ANY INDICATION AND I/C TRIPPED ON O/C, E/F |
| 98 | 28/05/14 | 9:09 | PAPPANKALAN-I 66KV BINDAPUR CKT-I | 28/05/14 | 13:47 | CKT. MADE OFF MANUALLY TO CONTROL OVER LOADING |
| 99 | 28/05/14 | 9:09 | PAPPANKALAN-I 66KV BINDAPUR CKT-II | 28/05/14 | 13:47 | CKT. MADE OFF MANUALLY TO CONTROL OVER LOADING |
| 100 | 28/05/14 | 10:16 | OKHLA 33KV NEHRU PLACE CKT-I | 28/05/14 | 13:20 | CKT. TRIPPED ON E/F |
| 101 | 28/05/14 | 12:03 | 220KV DIAL- MEHRAULI CKT-II | 28/05/14 | 17:05 | AT DIAL : CKT. TRIPPED ON REL, MAIN-II, B PHASE TRIP, REL, PROT TRIP, B PHASE FAULTY, REL ZONE-I, AT MEHRAULI CKT. TRIPPED ON DIFFERENTIAL TRIP, DIFFERENTIAL B PHASE, TRIP, 186, 186 |
| 102 | 28/05/14 | 15:40 | 33KV IP - NIRMAN BHAWAN CKT (BAY-2) | 29/05/14 | 15:58 | CKT. TRIPPED WITHOUT INDICATION PROBLEM IN CIRCUIT BREAKER. |
| 103 | 29/05/14 | 12:03 | 220KV MEHRAULI - BTPS CKT. - I | 29/05/14 | 18:22 | AT BTPS : CKT. TRIPPED ON ZONE-I, FAULT LOCATION 7.3KMS, DIST PROT. AT MEHRAULI : CKT. TRIPPED ON 186, 186, DIST PROT, ZONE-I, GROUP - I, TRIP PHASE C, FAULT LOCATION 11.53KMS |
| 104 | 29/05/14 | 12:38 | 220KV MEHRAULI - BTPS CKT. - II | 29/05/14 | 18:22 | AT BTPS : CKT. TRIPPED ON R PHASE, ZONE-I, DISTANCE 7.2KMS. AT MEHRAULI : CKT. TRIPPED ON 186, 186, DIST PROT, DISTANCE 14.28KMS., ZONE-I, |
| 105 | 29/05/14 | 12:46 | 220KV GAZIPUR - BTPS CKT | 29/05/14 | 18:49 | CKT. TRIPPED ON R PHASE, ZONE-I, DISTANCE 13.7KMS. |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 106 | 29/05/14 | 13:05 | 220KV MAHARANI BAGH - SARITA VIHAR CKT | 29/05/14 | 13:28 | AT SARITA VIHAR : CKT. TRIPPED ON A/R, 186 X-R, 186 X-Y, 186 X-B, FAULT LOCATION 2.854KMS. AT MAHARANI BAGH CKT. TRIPPED ON IP05, N.1, 7.5KMS. |
| 107 | 29/05/14 | 15:47 | ROHINI-II 220/66KV 160MVA TX-II | 29/05/14 | 16:10 | TR .TRIPPED ON TCIV SWITCH OPERATED |
| 108 | 29/05/14 | 17:40 | MASJID MOTH 220/33KV 100MVA TX-I | 29/05/14 | 18:30 | 33KV I/C-I TRIPPED DUE TO OVER LOADING DUE TO TRIPPING OF TR. -II & DUE TO BLAST ON B PHASE 33KV METERING POINT |
| 109 | 29/05/14 | 17:40 | MASJID MOTH 220/33KV 100MVA TX-II | 29/05/14 | 19:35 | TR. TRIPPED DUE TO BLAST ON B PHASE 33KV METERING POINT |
| 110 | 30/05/14 | 6:32 | 220KV GEETA COLONY-PATPARGANJ CKT-I | 30/05/14 | 6:35 | CKT. MADE OFF AS 220KV BUS COUPLER BREAKER LOCKOUT APPEARS ON IT |
| 111 | 30/05/14 | 6:32 | 220KV GEETA COLONY-PATPARGANJ CKT -II | 30/05/14 | 6:35 | CKT. MADE OFF AS 220KV BUS COUPLER BREAKER LOCKOUT APPEARS ON IT |
| 112 | 30/05/14 | 6:32 | 220KV WAZIRABAD-GEETA COLONY CKT-II | 30/05/14 | 6:35 | CKT. MADE OFF DUE TO BREAKER LOCK OUT AT GEETA COLONY |
| 113 | 30/05/14 | 6:32 | 220KV WAZIRABAD-GEETA COLONY CKT-I | 30/05/14 | 6:35 | CKT. MADE OFF DUE TO 220KV BREAKER LOCKOUT AT GEETA COLONY |
| 114 | 30/05/14 | 16:42 | 400KV MANDOLA-BAWANA CKT-I | 31/05/14 | 17:55 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BAWANA MAIN-I, C-N, ZONE-I, MAIN-II, C-N, ZONE-I, AT MANDOLA : C PHASE, ZONE-I, DIST PRO, DISTANCE 14.07KMS. |
| 115 | 30/05/14 | 16:43 | 400KV BAWANA-MUNDKA CKT-II | 30/05/14 | 18:45 | TRIPPING OCCURRED DUE TO HEAVY STORM AT MUNDKA : AUTO RECLOSE TRIP AT BAWANA : MAIN-I, A-N, ZONE-1, MAIN-II, A-N, ZONE-I, DISTANCE 4KMS |
| 116 | 30/05/14 | 16:47 | BAWANA 400/220KV 315MVA ICT-II | 30/05/14 | 19:24 | TRIPPING OCCURRED DUE TO HEAVY STORM 220KV I/C-II OF ICT TRIPPED ON POLE DISCRIPENCY |
| 117 | 30/05/14 | 16:48 | 400KV BAMNAULI-JHATIKARA CKT-II | 30/05/14 | 17:02 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BAMNAULI DIST PROT C PHASE, ZONE-I, 186 A&B |
| 118 | 30/05/14 | 16:48 | 400KV BAMNAULI-JHATIKARA CKT-I | 30/05/14 | 18:20 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BAMNAULI : DIST PROT C- PHASE, ZONE-I, 186 A&B |
| 119 | 30/05/14 | 16:48 | 220KV GOPALPUR-MANDOLACKT-II | 02.06.2014 | 17:13 | CKT. TRIPPED DURING HEAVY STORM AT MANDOLA : DIST PROT, ZONE-I, Y-N PHASE, DIST 10.42KMS. AT GOPALPUR DIST PROT, ZONE-1 DIST 1.1KMS. CKT. WAS CHARGED THROUGH 220KV MANDOLA - NARELA CKT. -II ON 02.06.2014 AT 17.13 HRS. ON 17.06.2014 AT 17.19HRS. CKT CHARGED AFTER REPAIRING OF TOWER NO. 25 |
| 120 | 30/05/14 | 16:50 | 220KV BAMNAULI-PAPPANKALAN-I CKT-II | 23/06/14 | 12:50 | CKT. TRIPPED DUE TO HEAVY STORM AT BAMNAULI : DIST PROT, A PHASE, 186 A&B AT PAPANALAN-I NO TRIPPING CKT. HAS BEEN TEMPORARILY CHARGED FROM 220KV BAMNAULI - PAPANALAN -II CKT. -I ON DT. 01.06.2014 AT 00.15HRS. |
| 121 | 30/05/14 | 16:50 | 220KV BAMNAULI-PAPPANKALAN-I CKT-I | 04.06.2014 | 15:48 | CKT TRIPPED IN HEAVY STORM AT BAMNAULI : CKT. TRIPPED ON DIST PROT, A PH 186 A&B AT PAPANALAN-1 : DIST PROT, A&B PHASE, 86ABC, AUTO RECLOSE CKT. CKT. CHARGED THROUGH ERS FROM CKT. -II ON 04.06.2014 AT 15.48HRS. ON 16.06.2014 AT 14.14HRS. CKT. CHARGED AFTER REPAIR OF ITS TOWER NO. 9, 10, 11 & 12 |
| 122 | 30/05/14 | 16:51 | MUNDKA 220/66KV 160MVA TX-II | 30/05/14 | 19:20 | TRIPPING OCCURRED DUE TO HEAVY STORM TR. TRIPPED ON O/C |
| 123 | 30/05/14 | 16:51 | 220KV GOPALPUR-MANDOLACKT-I | 01.06.2014 | 21:53 | TRIPPING OCCURRED DUE TO HEAVY STORM AT MANDOLA : BACKUP PROT, 85LO, 86 BUX, 186 A&B AT GOPALPUR : DIST PROT, ZONE-1 DISTANCE 1.1KMS THE CKT. THROUGH ERS ON 01.06.2014 AT 21.53HRS. ON 16.06.2014 AT 23.05HRS. CKT. CHARGED AFTER REPAIR OF ITS TOWER. |
| 124 | 30/05/14 | 16:51 | 220KV DSIDC BAWANA-NARELA CKT-I | 30/05/14 | 19:41 | TRIPPING OCCURRED DUE TO HEAVY STORM AT NARELA : DIST PROT, B PHASE ZONE-I, DIST 3.01KMS, 186 AT DSIDC BAWANA : NO TRIPPING |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 125 | 30/05/14 | 16:51 | 220KV BAWANA-DSIIDC BAWANA CKT-II | 31/05/14 | 7:54 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BAWANA : VT FUSE FAIL. NO TRIPPING AT DSIDC BAWANA. |
| 126 | 30/05/14 | 16:51 | 220KV BAWANA-DSIIDC BAWANA CKT-I | 31/05/14 | 2:39 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BAWANA : DIST PROT, B PHASE ZONE-I AT DSIDC BAWANA : PROT TRIP, ABC PH, Z-II, A/R, 86 |
| 127 | 30/05/14 | 16:51 | 400KV MUNDKA-JHATIKARA CKT-I | 30/05/14 | 18:34 | TRIPPING OCCURRED DUE TO HEAVY STORM AT MUNDKA : INTERTRIP CHANEL I & II AT JHATIKARA : SUPPLY FAIL |
| 128 | 30/05/14 | 16:51 | 220KV BAMNAULI-NAJAFGARH CKT-II | 30/05/14 | 21:05 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BAMNAULI : BACKUP TRIP, 186BU, 186 A&B AT NAJAFGARH : NO TRIPPING |
| 129 | 30/05/14 | 16:51 | 220KV BAMNAULI - DIAL CKT-I | 30/05/14 | 17:43 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BAMNAULI : DIST PROT, ZONE-I, 186 A&B AT DIAL : DIST PROT, ZONE-I, R PHASE |
| 130 | 30/05/14 | 16:51 | 220KV BAMNAULI-NAJAFGARH CKT-I | 30/05/14 | 21:05 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BAMNAULI : BACKUP TRIP, 186BU, 186 A&B, AT NAJAFGARH : NO TRIPPING |
| 131 | 30/05/14 | 16:51 | 400KV MUNDKA-JHATIKARA CKT-II | 30/05/14 | 18:36 | TRIPPING OCCURRED DUE TO HEAVY STORM AT MUNDKA : INTERTRIP CHANNEL I& II AT JHATIKARA : SUPPLY FAIL |
| 132 | 30/05/14 | 16:52 | 220KV NARELA - MANDOLA CKT-I | 30/05/14 | 22:21 | TRIPPING OCCURRED DUE TO HEAVY STORM AT MANDOLA : DIST PROT, R PHASE , ZONE-I, 86 RYB AT NARELA : SUPPLY FAIL |
| 133 | 30/05/14 | 16:52 | 220KV BAMNAULI-NARAINA CKT-II | 30/05/14 | 17:40 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BAMNAULI : DIST PROT, R& B PHASE, ZONE-II, 186 A&B, AT NARAINA : DIST PROT, ABC PHASE |
| 134 | 30/05/14 | 16:52 | 220KV BAMNAULI-NARAINA CKT-I | 30/05/14 | 17:40 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BAMNAULI : DIST PROT, ZONE-I, B & C PHASE AT NARAINA L DIST PRO, ABC PHASE |
| 135 | 30/05/14 | 16:54 | 220KVBAWANA-ROHINI CKT-II | 20.06.14 | 17:02 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BAWANA POLE DISCREPANCY AT ROHINI SUPPLY FAIL CKT. HAS BEEN CHARGED UPTO TOWER NO. 22 TO FEED ROHINI -II S/STN. |
| 136 | 30/05/14 | 16:55 | 220KVBAWANA-ROHINI CKT-I | 10.06.2014 | 15:19 | CKT. TRIPPED IN HEAVY STORM AT BAWANA DIST PROT, C PHASE AT ROHINI DIST PROT A PHASE, 186A &B, AUTO RECLOSE CKT. IS TEMPORARILY REVIVED THROUGH EMERGENCY RESTORATION SYSTEM ON 10.06.2014 AT 15.19HRS. |
| 137 | 30/05/14 | 16:55 | 400KV MANDOLA-BAWANA CKT-II | 30/05/14 | 19:39 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BAWANA : CB AUTO TRIP, MAIN-I, A-N, ZONE-I, MAIN-II, C-I, ZONE-I AT MANDOLA : SUPPLY FAIL, NO TRIPPING |
| 138 | 30/05/14 | 16:56 | 220KV WAZIRABAD-GEETA COLONY CKT-II | 30/05/14 | 22:01 | TRIPPING OCCURRED DUE TO HEAVY STORM AT WAZIRABAD : DIST PROT, ZONE-I, RYB PHSAE AT GEETA COLONY : DIST PROT |
| 139 | 30/05/14 | 16:56 | 220KV WAZIRABAD-GEETA COLONY CKT-I | 30/05/14 | 19:24 | TRIPPING OCCURRED DUE TO HEAVY STORM AT WAZIRABAD : DIST PROT, ZONE-I, RYB PHASE, AT GEETA COLONY : DIST PROT, ZONE-II, DISTANCE 5.88KMS |
| 140 | 30/05/14 | 16:56 | 220KV MAHARANI BAGH - SARITA VIHAR CKT | 30/05/14 | 20:48 | TRIPPING OCCURRED DUE TO HEAVY STORM AT MAHARANI BAGH : DIST PROT, ZONE-I, DISTANCE 3.5KMS, R PHASE AT SARITA VIHAR: NO TRIPPING |
| 141 | 30/05/14 | 16:56 | 220KV PRAGATI - SARITA VIHAR CKT | 30/05/14 | 20:59 | AT SARITA VIHAR CKT MADE OFF DUE TO HEAVY SPARKING SEEN ON B PHASAE LINE ISOLATOR |
| 142 | 30/05/14 | 16:56 | WAZIRABAD 220/66KV 100MVA TX-III | 30/05/14 | 18:12 | TRIPPING OCCURRED DUE TO HEAVY STORM TR. TRIPPED ON E/F |
| 143 | 30/05/14 | 16:56 | GEETA COLONY 220/33KV 100MVA TX-II | 31/05/14 | 0:17 | TR. TRIPPED ON 30E, AUTO TRIP, 30L, PRV, 33KV I/C-II TRIPPED WITHOUT INDICATION |
| 144 | 30/05/14 | 17:00 | 220KV MEHRAULI - BTPS CKT. - II | 30/05/14 | 19:51 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BTPS : TRIPPED ON ZONE-I, B PHASE DIST PROT, DISTANCE 13.9KMS AT MEHRAULI : DIST PROT, ZONE-I, ABC PHASE, 186, DISTANCE 7.07KMS. |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--------------------------------------|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 145 | 30/05/14 | 17:00 | 220KV DIAL- MEHRAULI CKT-I | 30/05/14 | 20:05 | AT MEHRAULI: CKT. TRIPPED ON 186, 186, DIST PROT, ZONE-1, AT DIAL : SUPPLY FAIL |
| 146 | 30/05/14 | 17:00 | 400KV BALLABHGARH-BAMNAULI CKT-I | 30/05/14 | 17:10 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BAMNAULI : DIST PROT, ZONE-I, 186 A&B |
| 147 | 30/05/14 | 17:01 | 220KV BAWANA-SHALIMARBAGH CKT-II | 30/05/14 | 21:24 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BAWANA : CKT. TRIPPED ON B & C PHASE AT SHALIMARBAGH : SUPPLY FAIL |
| 148 | 30/05/14 | 17:03 | 220KV BAMNAULI-PAPPANKALAN-II CKT-II | 30/05/14 | 17:33 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BAMNAULI : DIST PROT, A PHASE, C-II, 186 A&B, AT PAPPANKALAN-II : NO TRIPPING |
| 149 | 30/05/14 | 17:03 | 220KV WAZIRABAD - MANDOLA CKT-IV | 30/05/14 | 20:10 | TRIPPING OCCURRED DUE TO HEAVY STORM AT MANDOLA : DIST PROT, R-N PHASE, ZONE-III, DIST 22.11KMS AT WAZIRABAD : NO TRIPPING |
| 150 | 30/05/14 | 17:03 | 220KV WAZIRABAD - MANDOLA CKT-II | 31/05/14 | 15:34 | TRIPPING OCCURRED DUE TO HEAVY STORM AT MANDOLA : DIST PROT, ZONE-I, R-N PHASE, DISTANCE 3.971KMS AT WAZIRABAD : NO TRIPPING |
| 151 | 30/05/14 | 17:03 | 220KV MEHRAULI - BTPS CKT. - I | 30/05/14 | 19:39 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BTPS : TRIPPED ON ZONE-1, B PHASE, DIST PROT, DISTANCE 9.46KMS AT MEHRAULI : DIST PROT, ZONE-I, C PHASE, DIST 12.65KMS, 186 |
| 152 | 30/05/14 | 17:03 | 220KV BAMNAULI-PAPPANKALAN-II CKT-I | 30/05/14 | 17:55 | TRIPPING OCCURRED DUE TO HEAVY STORM AT BAMNAULI : DIST PROT, A PHASE, C-II, 186 A&B, AT PAPPANKALAN-II, DIST PROT, MAIN I & II, C-N PHASE, ZONE-I, 86 |
| 153 | 30/05/14 | 17:03 | 220KV WAZIRABAD - MANDOLA CKT-I | 30/05/14 | 20:40 | TRIPPING OCCURRED DUE TO HEAVY STORM AT MANDOLA : CKT TRIPPED ON R PHASE, 67NX, 86RY&B, 186 BUX, BACK UP PROT, 186 & B AT WAZIRABAD : NO TRIPPING |
| 154 | 30/05/14 | 17:05 | WAZIRABAD 220/66KV 100MVA TX-I | 30/05/14 | 20:13 | TRIPPING OCCURRED DUE TO HEAVY STORM TR. TRIPPED ON E/F |
| 155 | 30/05/14 | 17:10 | GAZIPUR 220/66KV 100MVA TX-I | 30/05/14 | 21:12 | TRIPPING OCCURRED DUE TO HEAVY STORM SPR OPERATED |
| 156 | 30/05/14 | 17:17 | 220KV OKHLA - BTPS CKT. - I | 30/05/14 | 19:43 | TRIPPING OCCURRED DUE TO HEAVY STORM AT OKHLA : CKT. TRIPPED ON DIST PRO, ZONE-1, DISTANCE 3.5KMS, B PHASE |
| 157 | 30/05/14 | 17:40 | 220KV GAZIPUR - BTPS CKT | 30/05/14 | 20:57 | TRIPPING OCCURRED DUE TO HEAVY STORM SUPPLY FAILED FROM BTPS. |
| 158 | 30/05/14 | 17:48 | 220KV WAZIRABAD - MANDOLA CKT-III | 30/05/14 | 17:52 | TRIPPING OCCURRED DUE TO HEAVY STORM AT WAZIRABAD : CKT TRIPPED ON DIST PRO RYB PHASE AT MANDOLA : NO TRIPPING |
| 159 | 30/05/14 | 17:52 | 400KV BAWANA-MUNDKA CKT-I | 30/05/14 | 20:17 | MADE OFF MANUALLY DUE TO TRIPPINGS IN HEAVY STORM AT MUNDKA R PHASE CT PIPE DAMAGE |
| 160 | 30/05/14 | 17:55 | 220KV WAZIRABAD - MANDOLA CKT-III | 30/05/14 | 17:56 | AT WAZIRABAD : RYB PHASE TRIPPED, NO DISTANCE APPEARED AT MANDOLA : NO TRIPPING |
| 161 | 30/05/14 | 20:04 | 220 KV GOPALPUR-WAZIRABAD CKT | 30/05/14 | 20:11 | TRIPPING OCCURRED DUE TO HEAVY STORM AT GOPAL PUR CKT. TRIPPED ON E/F AT WAZIRABAD CKT. TRIPPED |
| 162 | 30/05/14 | 20:53 | 220KV WAZIRABAD - MANDOLA CKT-IV | 30/05/14 | 21:32 | TRIPPING OCCURRED DUE TO HEAVY STORM AT MANDOLA : CKT. MADE OFF MANUALLY AS SPARKING REPORTED ON R PHASE LINE ISOLATOR |
| 163 | 30/05/14 | 21:52 | 220KV WAZIRABAD - MANDOLA CKT-IV | 30/05/14 | 22:05 | TRIPPING OCCURRED DUE TO HEAVY STORM AT MANDOLA : POC START, SOFT, TOR TRIP. NO TRIPPING AT WAZIRABAD. |
| 164 | 30/05/14 | 22:15 | NARELA 220/66KV 100MVA TX-I | 31/05/14 | 20:28 | Y & B PHASE LA DAMAGED |
| 165 | 31/05/14 | 0:16 | WAZIRABAD 220/66KV 100MVA TX-III | 31/05/14 | 0:26 | TR. TRIPPED ON E/F |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 166 | 31/05/14 | 0:16 | 220KV WAZIRABAD - MANDOLA CKT-IV | 31/05/14 | 0:34 | AT MANDOLA : A-N PHASE, SOFT, TOR TRIP, RYB PHASE. NO TRIPPING AT WAZIRABAD. JUMPER SNAPPED ON ROAD SIDE. |
| 167 | 31/05/14 | 14:15 | 220KV NARELA - MANDOLA CKT-I | 31/05/14 | 20:34 | AT NARELA : CKT. TRIPPED ON DIST PROT, Z-I, PHASE A AT MANDOLA ZONE-III, A PHASE, DIST PROT, |
| 168 | 31/05/13 | 13:33 | 220KV MAHARANIBAGH-TRAUMA CENTER CKT-I | 10.07.14 | 19.25 | AT M BAGH CKT TRIPPED ON GEN TRIP RYB-PH,D/P,Z-1, DIST-6.35 KM, NO TRIPPING AT TRAUMA CENTER. CABLE FAULTY IN HDD DRILLING OF DJB. |
| 169 | 31/05/13 | 13:38 | 220KV MAHARANIBAGH -TRAUMA CENTER CKT-II | 07.07.14 | 11.00 | AT M BAGH CKT TRIPPED ON GEN TRIP RYB-PH,D/P,Z-1, DIST-4.81 KM, NO TRIPPING AT TRAUMA CENTER. CABLE FAULTY IN HDD DRILLING OF DJB. |

19.3 DETAILS OF 400/220KV BREAKDOWN/TRIPPINGS OCCURRED IN DTL SYSTEM DURING THE MONTH JUNE – 2014

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|------|-------------------------------------|---------------------|------|--|
| | DATE | TIME | | DATE | TIME | |
| 01 | 01/06/14 | 2:17 | 220KV BAMNAULI-NAJAFGARH CKT-I | 01/06/14 | 2:25 | AT NJF CKT TRIPPED 186. NO TRIPPING AT BAMNAULI. |
| 02 | 01/06/14 | 2:17 | 220KV BAMNAULI-NAJAFGARH CKT-II | 01/06/14 | 2:25 | AT NJF CKT TRIPPED 186. NO TRIPPING AT BAMNAULI. |
| 03 | 01/06/14 | 2:17 | NAJAFGARH 220/66KV 100MVA TX-II | 01/06/14 | 3:10 | 87T, DIFFERENTIAL, 186 RELAY APPEARED ON TX BUT IT DID NOT TRIP. 66KV I/C-2 TRIPPED. |
| 04 | 01/06/14 | 2:28 | 400KV BALLABHGARH-BAMNAULI CKT-I | 01/06/14 | 2:48 | AT BAMNAULI CKT TRIPPED ON D/P,A-N-PH,Z-1,186A&B. |
| 05 | 01/06/14 | 4:10 | ROHINI-II 220/66KV 160MVA TX-I | 01/06/14 | 7:09 | TX TRIPPED ON 86B. 66KV I/C-2 TRIPPED WITH HEAVY JERK. |
| 06 | 02/06/14 | 1:45 | 220KV BAMNAULI-PAPPANKALAN-II CKT-I | 02/06/14 | 2:06 | AT BAMNAULI CKT TRIPPED ON 186A&B 86, NO TRIPPING AT PPK-II (TOWER OF 220KV BAMNAULI - PAPPANKALAN-I CKT -II DAMAGED IN STORM ON 30.05.14. CKT TEMPORARILY CHARGED THROUGH 220KV BAMNAULI – PPK-II CKT. -I BY MAKING T-OFF ARRANGEMENTS AT TOWER NO 23) |
| 07 | 02/06/14 | 2:37 | 220KV BAMNAULI-PAPPANKALAN-II CKT-I | 02/06/14 | 2:55 | AT BAMNAULI CKT TRIPPED ON O/C, 67B,BACKUP TRIP 186 A&B,86. NO TRIPPING AT PPK-1. (TOWER OF 220KV BAMNAULI-PAPPANKALAN-1 CKT-II WAS DAMAGED IN STORM ON 30.5.14. CKT. TEMPORARILY CHARGED THROUGH 220KV BAMNAULI-PAPPANKALAN-2 CKT-I BY MAKING T-OFF ARRANGEMENTS AT TOWER NO-23.) |
| 08 | 02/06/14 | 2:37 | 220KV BAMNAULI-PAPPANKALAN-II CKT-I | 02/06/14 | 2:55 | AT BAMNAULI CKT TRIPPED ON O/C, 67B,BACKUP TRIP 186 A&B,86. NO TRIPPING AT PPK-1. (TOWER OF 220KV BAMNAULI-PAPPANKALAN-1 CKT-II WAS DAMAGED IN STORM ON 30.5.2014 WAS TEMPORARILY CHARGED THROUGH 220KV BAMNAULI-PAPPANKALAN-2 CKT-I BY MAKING T-OFF ARRANGEMENTS AT TOWER NO-23.) |
| 09 | 02/06/14 | 2:45 | 220KV BAMNAULI-PAPPANKALAN-II CKT-I | 02/06/14 | 2:55 | AT BAMNAULI CKT. TRIPPED ON 186 A&B 86, NO TRIPPING AT PAPPANKALAN-I (TOWER OF 220KV BAMNAULI - PAPPANKALAN -I CKT. -II WAS DAMAGED IN STORM ON 30.05.2014 WAS TEMPORARILY CHARGED THROUGH 220KV BAMNAULI - PAPPANKALAN-II CKT. -I BY MAKING T-OFF ARRANGEMENTS AT TOWER NO 23) |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|---|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 10 | 02/06/14 | 9:10 | 220KV GEETA COLONY-PATPARGANJ CKT-I | 02/06/14 | 10:17 | AT PPG CKT TRIPPED ON E/F. NO TRIPPING AT GEETA COLAONY. |
| 11 | 02/06/14 | 9:10 | 220 KV PATPARGANJ - I.P. CKT-I | 02/06/14 | 9:19 | AT PPG CKT TRIPPED ON E/F. NO TRIPPING AT IP. |
| 23 | 02/06/14 | 9:10 | GEETA COLONY 220/33KV 100MVA TX-I | 02/06/14 | 9:17 | TX TRIPPED ON E/F,86,30E AND 33KV I/C-1 TRIPPED ON 30E,86., |
| 24 | 02/06/14 | 9:17 | GEETA COLONY 220/33KV 100MVA TX-I | 02/06/14 | 9:35 | TX TRIPPED ON E/F,86,30E AND 33KV I/C-1 TRIPPED ON 30E,86. |
| 25 | 02/06/14 | 9:35 | GEETA COLONY 220/33KV 100MVA TX-I | 02/06/14 | 10:17 | TX TRIPPED ON E/F,86,30E AND 33KV I/C-1 TRIPPED ON 30E,86., |
| 26 | 02/06/14 | 14:37 | 220KV BAMNAULI-PAPPANKALAN-II CKT-I | 02/06/14 | 14:39 | AT BAMNAULI CKT. TRIPPED ON 186 A&B 86, NO TRIPPINT AT PAPANKALAN-I (TOWER OF 220KV BAMNAULI - PAPANKALAN -I CKT. -II WAS DAMAGED IN STORM ON 30.05.2014 WAS TEMPORARILY CHARGED THROUGH 220KV BAMNAULI - PAPANKALAN-II CKT. -I BY MAKING T-OFF ARRANGEMENTS AT TOWER NO 23) |
| 27 | 02/06/14 | 14:37 | 220KV BAMNAULI-PAPPANKALAN-II CKT-II | 02/06/14 | 14:39 | AT BAMNAULI CKT TRIPPED ON 186 A&B,86. NO TRIPPING AT PPK-2. |
| 28 | 02/06/14 | 14:46 | 220KV BAMNAULI-PAPPANKALAN-II CKT-I | 02/06/14 | 16:35 | AT BAMNAULI CKT. TRIPPED ON 186 A&B 86, NO TRIPPINT AT PAPANKALAN-I (TOWER OF 220KV BAMNAULI - PAPANKALAN -I CKT. -II WAS DAMAGED IN STORM ON 30.05.2014 WAS TEMPORARILY CHARGED THROUGH 220KV BAMNAULI - PAPANKALAN-II CKT. -I BY MAKING T-OFF ARRANGEMENTS AT TOWER NO 23) |
| 29 | 02/06/14 | 14:46 | 220KV BAMNAULI-PAPPANKALAN-II CKT-II | 02/06/14 | 14:57 | AT BAMNAULI CKT TRIPPED ON 186 A&B. NO TRIPPING AT PPK-2. |
| 30 | 02/06/14 | 17:00 | INDRAPRASTHA POWER 33KV KAMLA MARKET CKT (BAY-30) | 02/06/14 | 22:05 | CKT TRIPPED ON O/C, R AND Y-PH. FIRE REPORTED IN CONTROL CABLE TRENCH. |
| 31 | 02/06/14 | 17:20 | 220KV BAMNAULI-PAPPANKALAN-II CKT-I | 02/06/14 | 17:35 | AT BAMNAULI CKT TRIPPED ON 186 A&B, BACKUP PROTECTION, BU-86. NO TRIPPING AT PPK-1. (TOWER OF 220KV BAMNAULI-PAPPANKALAN-1 CKT-II WAS DAMAGED IN STORM ON 30.5.2014 WAS TEMPORARILY CHARGED THROUGH 220KV BAMNAULI-PAPPANKALAN-2 CKT-I BY MAKING T-OFF ARRANGEMENTS AT TOWER NO-23.) |
| 32 | 02/06/14 | 17:53 | 220KV BAMNAULI-PAPPANKALAN-II CKT-I | 02/06/14 | 18:12 | AT BAMNAULI CKT. TRIPPED ON 186 A&B 86, NO TRIPPINT AT PAPANKALAN-I (TOWER OF 220KV BAMNAULI - PAPANKALAN -I CKT. -II WAS DAMAGED IN STORM ON 30.05.2014 WAS TEMPORARILY CHARGED THROUGH 220KV BAMNAULI - PAPANKALAN-II CKT. -I BY MAKING T-OFF ARRANGEMENTS AT TOWER NO 23) |
| 33 | 02/06/14 | 21:43 | 220KV BAMNAULI-PAPPANKALAN-II CKT-I | 02/06/14 | 21:52 | AT BAMNAULI CKT. TRIPPED ON 186 A&B 86, NO TRIPPINT AT PAPANKALAN-I (TOWER OF 220KV BAMNAULI - PAPANKALAN -I CKT. -II WAS DAMAGED IN STORM ON 30.05.2014 WAS TEMPORARILY CHARGED THROUGH 220KV BAMNAULI - PAPANKALAN-II CKT. -I BY MAKING T-OFF ARRANGEMENTS AT TOWER NO 23) |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 34 | 02/06/14 | 22:40 | 220KV BAMNAULI-PAPPANKALAN-II CKT-I | 02/06/14 | 22:45 | AT BAMNAULI CKT. TRIPPED ON 186 A&B 86, NO TRIPPING AT PAPANALAN-I (TOWER OF 220KV BAMNAULI - PAPANALAN -I CKT. -II WAS DAMAGED IN STORM ON 30.05.2014 WAS TEMPORARILY CHARGED THROUGH 220KV BAMNAULI - PAPANALAN-II CKT. -I BY MAKING T-OFF ARRANGEMENTS AT TOWER NO 23) |
| 35 | 03/06/14 | 6:24 | BAWANA 400/220KV 315MVA ICT-VI | 16/06/14 | 15:21 | ICT TRIPPED ON DIFFERENTIAL PROT, R PHASE LA DAMAGED OF 220KV SIDE, R PHASE BUSHING ALSO DAMAGED OF 220KV SIDE. ICT CHARGED ON NO LOAD ON 15.06.2014 AT 20.18HRS. LOAD TAKEN AT 15.21HRS. ON 16.06.2014. |
| 36 | 03/06/14 | 13:52 | MASJID MOTH 220/33KV 100MVA TX-II | 11/06/14 | 5:40 | TX TRIPPED ON WINDING TEMP.INDICATION,OIL TEMP.TRIP, 86. CHARGE ON NO LOAD ON 10.6.14 AT 17:45 HRS. & LOAD TAKEN ON 11.06.14 AT 05:40 HRS. |
| 37 | 04/06/14 | 6:45 | OKHLA 220/33KV 100MVA TX-IV | 04/06/14 | 7:25 | TX TRIPPED ON DIFFERENTIAL,86. |
| 38 | 05/06/14 | 13:01 | 220KV GOPALPUR-MANDOLACKT-II | 05/06/14 | 13:08 | AT GOPALPUR DIST PROT, RYB, 7.5KMS AT MANDOLA DIST PROT, B PHASE ZONE-II |
| 39 | 05/06/14 | 13:22 | 220KV MAHARANI BAGH - SARITA VIHAR CKT | 05/06/14 | 13:34 | AT SARITA VIHAR DIST PROT, ZONE-I, DISTANCE 980MTS AT MAHARANI BAGH NO TRIPPING AT PRAGATI SARITA VIHAR CKT.TRIPPED ON DIST PROT, ZONE-II, Y&B PHASE, 9.988KMS |
| 40 | 05/06/14 | 13:49 | 220KV GAZIPUR - BTPS CKT | 05/06/14 | 14:48 | AT GAZIPUR DIST PROT ZONE-I, HEAVY DUTY RELAY AT BTPS E/F, R PHASE ZONE-I, DISTANCE 14.1KMS |
| 41 | 05/06/14 | 14:17 | 220KV MAHARANI BAGH - SARITA VIHAR CKT | 05/06/14 | 14:26 | AT SARITA VIHAR DIST PROT, ZONE-I, ABC, DISTANCE 5.395KMS AT MAHARANI BAGH DIST PROT, ZONE-I, ABC, DISTANCE 2.2KMS |
| 42 | 05/06/14 | 14:50 | 220KV OKHLA - BTPS CKT. - II | 05/06/14 | 14:55 | AT BTPS TRIPPED ON ZONE-I, DIST PROT, AT OKHLA NO TRIPPING |
| 43 | 05/06/14 | 14:50 | 220KV OKHLA - BTPS CKT.- I | 05/06/14 | 15:35 | AT OKHLA TRIPPED ON DIST PROT, ABC, DISTANCE 4.49KMS AT BTPS DIST PROT, B PHASE, ZONE-I, 0.8KMS |
| 44 | 05/06/14 | 14:52 | 220KV BAWANA-DSIIDC BAWANA CKT-I | 05/06/14 | 15:11 | AT BAWANA DIST PROT , AR LOCKOUT AT DSIDC BAWANA DIST PROT, AR LOCKOUT ZONE-I |
| 45 | 05/06/14 | 22:49 | 220KV BAMNAULI - DIAL CKT-II | 05/06/14 | 23:08 | AT BAMNAULI CKT TRIPPED ON DIST PROT, C PHASE, ZONE-1 AT DIAL TRIPPED ON DIST PROT, C PHASE, ZONE-1 |
| 46 | 06/06/14 | 12:44 | 220KV BAWANA-DSIIDC BAWANA CKT-I | 06/06/14 | 18:44 | AT BAWANA TRIPPED ON DIST PROT, ZONE-1, A&B PHASE, DISTANCE 1.6KMS, R PHASE CORONA RING DAMAGED, R&Y PHASE LINE ISOLATOR CLAMPS ALSO BECAME RED HOT. AT DSIDC BAWANA TRIPPED ON DIST PROT, AB&C, |
| 47 | 06/06/14 | 14:32 | 220KV BAWANA-DSIIDC BAWANA CKT-II | 06/06/14 | 16:45 | AT BAWANA TRIPPED ON DIST PROT, B&C ZONE-I, FAULT LOCATION 1.10KMS AT DSIDC BAWANA NO TRIPPING |
| 48 | 06/06/14 | 22:40 | 220KV GEETA COLONY-PATPARGANJ CKT -II | 06/06/14 | 22:50 | AT GEETA COLONY DIST PROT, ZONE-2, DISTANCE 5.3KMS. AT PATPARGANJ BUS BAR PROT, OPERATED. |
| 49 | 06/06/14 | 22:40 | 220KV GEETA COLONY-PATPARGANJ CKT-I | 06/06/14 | 22:50 | AT PATPARGANJ BUS BAR PROT OPERATED AT GEETA COLONY NO TRIPPING |
| 50 | 06/06/14 | 23:10 | OKHLA 33KV ALAKNANDA CKT-II | 07/06/14 | 6:49 | AT OKHLA Y PHASE CT CAUGHT FIRE AND DAMAGED AT ALAKHNAND ONLY SUPPLY FAIL |
| 51 | 07/06/14 | 5:39 | 220KV BAMNAULI-PAPPANKALAN-II CKT-II | 07/06/14 | 5:55 | AT BAMNAULI CKT TRIPPED ON O/C. NO TRIPPING AT PPK-2. |
| 52 | 07/06/14 | 7:50 | LODHI RD 220/33KV 100MVA TX-II | 07/06/14 | 8:10 | TX TRIPPED ON 67AX,86B,86ABC,152-X,A/R. |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 53 | 07/06/14 | 7:50 | LODHI RD 33KV EXHIBITION GROUND | 07/06/14 | 15:10 | CKT TRIPPED ON E/F. S/D AVAILED TO TEST CB . |
| 54 | 07/06/14 | 7:50 | LODHI RD 220/33KV 100MVA TX-I | 07/06/14 | 8:00 | 33KV I/C-1 TRIPPED ON O/C & E/F. |
| 55 | 07/06/14 | 14:23 | 220KV BAMNAULI-PAPPANKALAN-II CKT-II | 07/06/14 | 14:35 | AT PPK-2 CKT TRIPPED ON D/P,Z-1,MAIN-1&2,A-N PHASE. AT BAMNAULI CKT TRIPPED ON D/P,A-PH,186A&B. |
| 56 | 07/06/14 | 15:40 | 220KV BAMNAULI - DIAL CKT-II | 07/06/14 | 16:02 | AT BAMNAULI CKT TRIPPED ON D/P,B&C-PH,86A&B. AT DIAL CKT TRIPPED ON D/P,Z-1,Y&B-PH. |
| 57 | 07/06/14 | 17:45 | 220KV GAZIPUR - BTPS CKT | 20/06/14 | 13:27 | AT GAZIPUR CKT TRIPPED ON D/P,Z-1. AT BTPS CKT TRIPPED ON R-PH E/F, D/P, DIST-10.6KM. R-PH CABLE DAMAGED. |
| 58 | 08/06/14 | 12:53 | 220KV BAWANA-DSIIDC BAWANA CKT-I | 08/06/14 | 13:15 | AT BWN CKT TRIPPED ON D/P,Z-1,DIST-1.6KM, A,B&C-PH. AT DSIDC CKT TRIPPED ON D/P,A-PH. |
| 59 | 08/06/14 | 12:53 | 220KV DSII DC BAWANA-NARELA CKT-I | 08/06/14 | 13:21 | AT NARELA CKT TRIPPED ON D/P,Z-2,A,B&C-PH. NO TRIPPING AT DSIDC BAWANA. |
| 60 | 08/06/14 | 14:27 | 220KV BAWANA-DSIIDC BAWANA CKT-I | 08/06/14 | 15:00 | AT BWN CKT TRIPPED ON D/P,DIST-1.48KM. AT DSIDC CKT TRIPPED ON D/P,A-PH, A/R |
| 61 | 08/06/14 | 14:32 | 220KV BAWANA-DSIIDC BAWANA CKT-II | 08/06/14 | 15:03 | AT BWN CKT TRIPPED ON D/P,Z-1.DIST-1.69KM. NO TRIPPING AT DSIDC. |
| 62 | 08/06/14 | 16:10 | PATPARGANJ 33KV CBD SHAHDARA CKT | 08/06/14 | 16:36 | CKT TRIPPED WITHOUT INDICATION. |
| 63 | 08/06/14 | 16:10 | PATPARGANJ 33KV PREET VIHAR CKT | 08/06/14 | 19:10 | CKT TRIPPED ON E/F. FIRE REPORTED AT CABLE END BOX. |
| 64 | 08/06/14 | 16:10 | PATPARGANJ 33KV KARKADOOA CKT-I | 08/06/14 | 16:36 | CKT TRIPPED WITHOUT INDICATION. |
| 65 | 08/06/14 | 16:10 | PATPARGANJ 33KV KARKADOOA CKT-II | 08/06/14 | 20:32 | CKT TRIPPED ON O/C & E/F. ALL PHASE LA FLASHED AND CONDUCTOR SNAPPED. |
| 66 | 09/06/14 | 13:12 | 220KV MAHARANI BAGH - SARITA VIHAR CKT | 09/06/14 | 13:26 | AT MAHARANIBAGH CKT TRIPPED ON D/P,FAULT LOOP,DIST-4.8KM. AT SARITA VIHAR CKT TRIPPED ON D/P,Z-1,AUTO RECLOSE, A,B&C-PH. |
| 67 | 09/06/14 | 15:02 | MUNDKA 400/220KV 315MVA ICT-IV | 09/06/14 | 15:21 | ICT TRIPPED ON 86, TRIP SUPERVISION RELAY. |
| 68 | 09/06/14 | 16:11 | MUNDKA 400/220KV 315MVA ICT-IV | 09/06/14 | 16:25 | ICT TRIPPED ON 86, TRIP SUPERVISION RELAY. |
| 69 | 09/06/14 | 22:25 | PATPARGANJ 220/66KV 100MVA TX-I | 09/06/14 | 22:28 | 66KV I/C-1 TRIPPED ON O/C R & B-PH AND 66KV BUS COUPLER TRIPPED ON O/C R-PH. |
| 70 | 10/06/14 | 1:55 | OKHLA 66/11KV, 20MVA TX-I | 11/06/14 | 15:10 | TX TRIPPED ON 80 SUPER VISION RELAY, TRIP COIL 95C, 87 DIFFERENTIAL. R AND B-PH HV SIDE CT DAMAGED AND CAUGHT FIRE. TX OIL SPILL IN TRENCH. CONTROL CABLE DAMAGED IN FIRE. |
| 71 | 10/06/14 | 1:55 | OKHLA 66/11KV, 20MVA TX-II | 10/06/14 | 13:45 | TX TRIPPED ON HV 64R,95C,80. TX OIL FROM 20MVA TX-1 SPILL IN TRENCH AND CONTROL CABLE DAMAGED IN FIRE. |
| 72 | 10/06/14 | 1:55 | OKHLA 220/66KV 100MVA TX-II | 10/06/14 | 4:50 | TX TRIPPED ON O/C AND 66KV I/C-1 TRIPPED ON O/C,E/F,86. |
| 73 | 10/06/14 | 1:55 | OKHLA 220/66KV 100MVA TX-I | 10/06/14 | 5:05 | TX TRIPPED ON O/C AND 66KV I/C-1 TRIPPED ON O/C,E/F,86. |
| 74 | 10/06/14 | 4:05 | OKHLA 220/33KV 100MVA TX-IV | 10/06/14 | 4:10 | TX TRIPPED ON DIFFERENTIAL,86 |
| 75 | 10/06/14 | 4:30 | OKHLA 220/33KV 100MVA TX-IV | 10/06/14 | 7:20 | TX TRIPPED ON DIFFERENTIAL,86. |
| 76 | 10/06/14 | 22:42 | PATPARGANJ 220/66KV 100MVA TX-I | 10/06/14 | 22:57 | 66KV I/C-1 TRIPPED ON 51AX,51CX AND 66KV BUS COUPLER TRIPPED ON 51AX,51CX. |
| 77 | 10/06/14 | 23:07 | PATPARGANJ 220/66KV 100MVA TX-I | 10/06/14 | 23:19 | 66KV I/C-1 TRIPPED ON 51AX,51CX AND 66KV BUS COUPLER TRIPPED ON 51AX,51CX. |
| 78 | 11/06/14 | 11:33 | 400KV BAMNAULI-JHATIKARA CKT-II | 12/08/14 | 19.16 | E/M S/D AVAILED TO ATTEND HOT POINT AT Y&R-PH ISOLATOR AT BAMNAULI. WHILE CHARGING SMOKE APPEARED ON 400KV CABLE PORTION OF CKT. |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|---|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 79 | 11/06/14 | 18:16 | 400KV BAMNAULI-JHATIKARA CKT-I | 13.06.14 | 16:27 | SMOKE APPEARED ON 400KV CABLE PORTION OF CKT-2 SO CKT-1 MADE OFF DUE TO SAFETY REASON. |
| 80 | 12/06/14 | 15:30 | 220KV BAWANA- ROHINI CKT-I | 12/06/14 | 16:33 | AT ROHINI CKT. TRIPPED ON DIST PROT B PHASE, 186A, 186B, CVT AVAILABLE AT BAWANA NO TRIPPING, LATER BAWANA INFORMED THAT Y & Y POLE NOT TRIPPED BUT B POLE TRIPPED MANUALLY |
| 81 | 12/06/14 | 15:31 | ROHINI-II 220/66KV 160MVA TX-I | 12/06/14 | 15:36 | TR. TRIPPED ON 86B |
| 82 | 12/06/14 | 15:40 | ROHINI-II 220/66KV 160MVA TX-II | 12/06/14 | 16:01 | TR. TRIPPED ON 86B |
| 83 | 12/06/14 | 15:40 | ROHINI-II 220/66KV 160MVA TX-I | 13.06.14 | 16:36 | TR. TRIPPED ON 86A TR. CHARGED ON 16.02HRS BUT 66KV I/C-I DID NOT HOLD |
| 84 | 12/06/14 | 15:46 | 400KV BALLABHGARH-BAMNAULI CKT-II | 12/06/14 | 15:54 | AT BAMNAULI : CKT. TRIPPED ON C PHASE NUTRAL AUTO TRIP, 186A & B, IDED TRIP |
| 85 | 12/06/14 | 16:25 | INDRAPRASTHA POWER 220/33KV 100MVA TX-III | 12/06/14 | 16:55 | 33KV I/C-III OF 100MVA TR. -III TRIPPED ON O/C, R & B PHASE ALONGWITH BAY NO. 29 (I.G.STADIUM) |
| 86 | 12/06/14 | 16:25 | INDRAPRASTHA POWER 33KV IG STADIUM CKT-I (BAY-29) | 12/06/14 | 17:04 | BAY NO. 29 (I.G.STADIUM) TRIPPED ALONGWITH 33KV I/C-III |
| 87 | 12/06/14 | 17:45 | NAJAFGARH 66/11KV, 20MVA TX-I | 12/06/14 | 17:52 | TR. TRIPPED ALONGWITH 11KV PUMPING STATION FEEDER TRIPPED ON E/F |
| 88 | 12/06/14 | 19:16 | 220KV BAWANA-DSIIDC BAWANA CKT-I | 12/06/14 | 19:25 | AT DSIDC BAWANA : CKT. TRIPPED ON O/C, E/F AT BAWANA : CKT. TRIPPED ON DIST PROT, ABC PHASE, 95 SUPERVISION |
| 89 | 12/06/14 | 19:23 | ROHINI-II 220/66KV 160MVA TX-I | 12/06/14 | 19:41 | TR. TRIPPED ON 86 |
| 90 | 12/06/14 | 19:26 | 220KV BAWANA-DSIIDC BAWANA CKT-I | 12/06/14 | 23:43 | AT BAWANA : CKT. TRIPPED ON E/F, TRIP RELAY OPERATED, RED HOT POINT ON LINE ISOLATOR, JAW BROKEN (ISOLATOR), R PHASE AT DSIDC BAWANA : SUPPLY FAIL |
| 91 | 12/06/14 | 20:08 | ROHINI-II 220/66KV 160MVA TX-I | 12/06/14 | 22:15 | TR. TRIPPED ON 86A, 86B |
| 92 | 12/06/14 | 20:08 | ROHINI-II 220/66KV 160MVA TX-II | 12/06/14 | 22:15 | TR. TRIPPED ON 86A, 86B |
| 93 | 12/06/14 | 23:30 | PATPARGANJ 66KV GH-I CKT-I | 13/06/14 | 0:07 | CKT. TRIPPED ON VT FUSE FAILURE, Z-1, RYB PHASE, |
| 94 | 12/06/14 | 23:30 | PATPARGANJ 66KV VIVEK VIHAR CKT-II | 13/06/14 | 0:07 | CKT. TRIPPED ON VT FUSE FAILURE, Z-1, 86, 86, DISTANCE 1.6KM |
| 95 | 12/06/14 | 23:30 | PATPARGANJ 66KV VIVEK VIHAR CKT-I | 13/06/14 | 0:07 | CKT. TRIPPED ON VT FUSE FAILURE, Z-1, 86, 86, DISTANCE 1.7KM |
| 96 | 13/06/14 | 1:50 | WAZIRABAD 220/66KV 100MVA TX-III | 13/06/14 | 13:21 | TR. TRIPPED ON E/F, TRIP PHASE RELAY OPERATED ALONGWITH I/C-III TRIPPED ON 86 |
| 97 | 13/06/14 | 1:18 | 220KV WAZIRABAD-GEETA COLONY CKT-II | 13/06/14 | 2:39 | AT GEETA COLONY : DIST PROT, O/C, E/F, 93.46% AT WAZIRABAD : ZONE-1, DISTANCE PROT. |
| 98 | 13/06/14 | 1:40 | 220KV GEETA COLONY-PATPARGANJ CKT-I | 13/06/14 | 1:51 | AT GEETA COLONY TRIPPED ON SOTF AT PATPARGANJ SUPPLY FAIL |
| 99 | 13/06/14 | 1:40 | 220KV WAZIRABAD-GEETA COLONY CKT-I | 13/06/14 | 1:47 | AT GEETA COLONY TRIPPED ON O/C AT WAZIRABAD TRIPPED WITHOUT INDICATION |
| 100 | 13/06/14 | 2:33 | 220KV MAHARANI BAGH - SARITA VIHAR CKT | 13/06/14 | 2:54 | AT SARITA VIHAR : DIST PROT, 186X, 186 A&B, ZONE-1, DISTANCE 1.601KM AT MAHARANI BAGH : DIST PROT, AUTO RECLOSE LOCKOUT, 186A,186B, ABC TRIP ZONE-1 |
| 101 | 13/06/14 | 5:15 | NAJAFGARH 66/11KV, 20MVA TX-III | 13/06/14 | 5:30 | TR. TRIPPED ON MASTER RELAY 86, 30D, OLTC, BUCHHLOZ TRIP |
| 102 | 13/06/14 | 11:21 | ROHINI-II 220/66KV 160MVA TX-I | 13/06/14 | 11:29 | TR. TRIPPED ON 86B, 86A |
| 103 | 13/06/14 | 14:17 | 220KV BAWANA-DSIIDC BAWANA CKT-II | 13/06/14 | 18:31 | AT BAWANA : TRIPPED ON DIST PROT OPERATED, A/R, LOCK OUT, ZONE-I, A, BG, ZONE-I, FAULT LOCATION 1.26KMS. AT DSIDC BAWANA : TRIPPED ON MAIN-I, 1/2 DIST PROT, A/R, LOCKOUT, DIST PRO, B PHASE |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|---|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 104 | 13/06/14 | 15:20 | ROHINI-II 220/66KV 160MVA TX-I | 13/06/14 | 16:36 | TR. TRIPPED ON 86A, 66KV I/C-I TRIPPED ON 86B, PROBLEM OBSERVED IN Y PHASE POLE OF CB |
| 105 | 14/06/14 | 4:18 | 220KV MAHARANIBAGH- MASJID MOTH CKT-I | CONTD. | | AT MAHARANI BAGH CKT TRIPPED ON DIST PROT,R PHASE, ZONE-1, DIST 3.2KMS AT MASJID MOTH DIST PROT. ZONE-1 TRIED AT MAHARANI BAGH AT 04.47HRS. BUT AGAIN TRIPPED , CABLE OF THE CKT DECLARED FAULTY |
| 106 | 14/06/14 | 9:55 | NAJAFGARH 66KV PASCHIM VIHAR CKT-II (BODHELA-II CKT-II) | 14/06/14 | 13:40 | CKT. TRIPPED ON ZONE-I, B PHASE, DIST PROT, DIST 3.7KMS, 66KV BUS-I Y PHASE CLAMP AND JUMPER BURNT CKT CHARGED ON 66KV BUS-I ALONGWITH 66KV BODELA-I & JAFFARPUR CKT. -I |
| 107 | 14/06/14 | 10:03 | MUNDKA 220/66KV 160MVA TX-II | 14/06/14 | 16:12 | TR. TRIPPED ON GROUP A, 86, 86A, 86B, 66KV I/C TRIPPED ON 86, HV 86 TRIP |
| 108 | 14/06/14 | 10:14 | 220KVBAWANA- ROHINI CKT-I | 14/06/14 | 11:01 | AT BAWANA CKT. TRIPPED ON B PHASE, ZONE-1 AT ROHINI CKT. TRIPPED ON D/P, B & C PHASE, 186A, 186B |
| 109 | 14/06/14 | 15:02 | 220KV GOPALPUR- MANDOLACKT-II | 14/06/14 | 16:37 | AT GOPALPUR CKT TRIPPED ON DIS TPROT, ZONE-1, DIST 2KMS AT MANDOLA GOPALPUR (NARELA T-OFF) TRIPED ON ZONE-II, DIST PROT |
| 110 | 14/06/14 | 15:28 | 220KV WAZIRABAD-GEETA COLONY CKT-II | 14/06/14 | 15:35 | AT WAZIRABAD CKT. TRIPPED ON GENERAL TRIP, RYB PHASE, ZONE I & II AT GEETA COLONY : NO TRIPPING AT GEETA COLONY, HOWEVER BUS COUPLER TRIPPED AT GEETA COLONY |
| 111 | 14/06/14 | 15:28 | WAZIRABAD 220/66KV 100MVA TX-III | 14/06/14 | 16:32 | TR. TRIPPED ON E/F, ABC PHASE, 86 |
| 112 | 15/06/14 | 0:13 | NAJAFGARH 66/11KV, 20MVA TX-I | 15/06/14 | 0:26 | TR. TRIPPED ON 86 WITH 11KV PUMPING STATION FEEDER TRIPPED ON E/F |
| 113 | 15/06/14 | 1:26 | NAJAFGARH 66/11KV, 20MVA TX-I | 15/06/14 | 1:45 | TR. TRIPPED ON 86, ALONGWITH 11KV PUMPING STATION FEEDER TRIPPED ON E/F |
| 114 | 15/06/14 | 8:00 | 220KV BAMNAULI- NAJAFGARH CKT-II | 15/06/14 | 8:06 | AT NAJAFGARH CKT. TRIPPED ON 186, 186 AT BAMNAULI NO TRIPPING |
| 115 | 15/06/14 | 8:00 | 220KV BAMNAULI- NAJAFGARH CKT-I | 15/06/14 | 8:06 | AT NAJAFGARH CKT. TRIPPED ON 186, 186, 95, R&Y PHASE AT BAMNAULI NO TRIPPING |
| 116 | 15/06/14 | 15:55 | 220KV GOPALPUR- MANDOLACKT-II | 15/06/14 | 16:07 | AT GOPALPUR CKT. TRIPPED ON 86, CVT AVAILABLE AT GOPALPUR. AT MANDOLA NO TRIPPING. |
| 117 | 17/06/14 | 1:35 | 220 KV PATPARGANJ - I.P. CKT-I | 17/06/14 | 14:00 | AT PATPARGANJ CKT. TRIPPED ON DIST PROT. AT I.P. CKT. TRIPPED ON 186, 186X, DIST PROT, ZONE-1, RYB PHASE |
| 118 | 18/06/14 | 12:41 | DSI IDC BAWANA 220/66KV 100MVA TX-II | 18/06/14 | 12:54 | TR. TRIPPED ON MASTER RELAY, 66KV SIDE ON O/C , E/F, 66KV DSI DC -I ALSO TRIPPED ON O/C , E/F TPDDL CHECKED THE LINE AND ENERGIZED AT 16:30HRS. 66KV DISDC -II TRIPPED ON O/C, E/F THE CKT. ENERGIZED AT 13.13HRS. |
| 119 | 18/06/14 | 12:41 | DSI IDC BAWANA 220/66KV 100MVA TX-III | 18/06/14 | 12:54 | TR. TRIPPED ON E/F, 66KV SIDE ON O/C E/F 66KV DSI DC -I ALSO TRIPPED ON O/C , E/F TPDDL CHECKED THE LINE AND ENERGIZED AT 16:30HRS. 66KV DISDC -II TRIPPED ON O/C, E/F THE CKT. ENERGIZED AT 13.13HRS. |
| 120 | 18/06/14 | 17:46 | 220KV BAWANA - KANJHAWALA CKT | 18/06/14 | 18:06 | AT BAWANA TRIPPED MANUALLY DUE TO HEAVY SPARKING ON 220KV BUS-II ISOLATORS |
| 121 | 18/06/14 | 19:51 | 220KV PRAGATI - SARITA VIHAR CKT | 18/06/14 | 20:54 | AT SARITA VIHAR CKT. TRIPPED ON D/D, AUTO RECLOSE, ABC, ZONE-1, DIST 5.195KMS, 186A, 186B AT PRAGATI CKT. TRIPPED ON ACTIVE GROUP START, ABC, D/P, ZONE-1, LOCATION 4.449KMS. |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--------------------------------------|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 122 | 18/06/14 | 19:56 | 220KV MAHARANI BAGH - PRAGATI CKT | 18/06/14 | 20:54 | AT MAHARANI BAGH CKT. TRIPPED ON ZONE-1, ZONE-2, FAULT LOOP, LOCATION 1.3KM, UNDER VOLTAGE, AT PRAGATI NO TRIPPING ONLY PUT OFF |
| 123 | 18/06/14 | 20:06 | 220KV BAWANA - KANJHAWALA CKT | 19/06/14 | 10:44 | AT KHANJAWANA CKT. TRIPPED ON D/P, VT FUSE FAIL, RYB TRIP, CVT AVAILABLE, AS INFORMED BY LINES STAFF AT B PHASE JUMPER SNAPPED AT 14A AT BAWANA NO TRIPPING |
| 124 | 18/06/14 | 20:06 | 220KV KANJHAWALA-NAJAFGARH CKT | 19/06/14 | 10:44 | AT NAJAFGARH CKT. TRIPPED ON TRIP ABC, 186, 186, D/P, DISTANCE 5.7KMS. AT KHANJAWALA NO TRIPPING |
| 125 | 18/06/14 | 20:06 | 220KV BAWANA - NAJAFGARH CKT | 19/06/14 | 10:44 | AT BAWANA CKT. TRIPPED ON DIST PROT, DISTANCE 16.66KMS, AUXILLARY Z1, R1 & B1 AT NAJAFGARH NO TRIPPING |
| 126 | 19/06/14 | 19:55 | 220KV BAMNAULI-NAJAFGARH CKT-I | 19/06/14 | 19:58 | AT NAJAFGARH CKT. TRIPPED ON 186 MASTER RELAY AT BAMNAULI NO TRIPPING |
| 127 | 20/06/14 | 7:20 | LODHI RD 33/11KV, 20MVA TX-II | 20/06/14 | 7:25 | TR. TRIPPED ON O/C, 51AX, DUE TO BIRDAGE |
| 128 | 20/06/14 | 7:20 | LODHI RD 220/33KV 100MVA TX-II | 20/06/14 | 7:25 | TR. TRIPPED ON TRIP RELAY, 86, GROUP A, O/C, 67A ALONGWITH 33KV I/C-II TRIPPED ON O/C R PHASE |
| 129 | 21/06/14 | 14:36 | 220KV BAMNAULI-PAPPANKALAN-II CKT-II | 21/06/14 | 14:39 | AT BAMNAULI CKT. TRIPPED ON 186AB, BACKUP TRIP, 86BV, 67 B PHASE, O/C AT PAPANALAN-II ONLY SUPPLY FAIL |
| 130 | 21/06/14 | 15:54 | 220KV GOPALPUR-MANDOLACKT-I | 21/06/14 | 19:05 | AT GOPALPUR CKT. TRIPPED ON M1 TRIP, R&B PHASE, M-2, R& B PHASE, ZONE-1, DISTANCE 5.0KM, GENERAL TRIP R&Y AT MANDOLA CKT. TRIPPED ON Y PHSE, ZONE-2, DISTANCE 5.6KM, DISTANCE PROT, DISTANCE 20.19KMS |
| 131 | 22/06/14 | 12:45 | PATPARGANJ 220/66KV 100MVA TX-I | 22/06/14 | 15:05 | 66KV I/C MADE OFF FOR SAFETY REASONS AS DUE TO BIRDAGE NEAR 66KV BUS COUPLER SPARKING OCCURED |
| 132 | 22/06/14 | 12:45 | PATPARGANJ 220/66KV 100MVA TX-II | 22/06/14 | 15:05 | 6KV I/C MADE OFF FOR SAFETY REASONS AS DUE TO BIRDAGE NEAR 66KV BUS COUPLER SPARKING OCCURED |
| 133 | 22/06/14 | 18:50 | 220KV BAMNAULI-NAJAFGARH CKT-I | 22/06/14 | 19:21 | AT NAJAFGARH CKT. TRIPPED ON 186, CVT AVAILABLE AT BAMNAULI NO TRIPPING |
| 134 | 23/06/14 | 1:25 | 220KV PRAGATI - I.P. CKT - II | 23/06/14 | 15:22 | AT I.P. CKT. TRIPPED ON DIRECTIONAL E/F, 86 AT PRAGATI NO TRIPPING, SMOKE OBSERVED ON R PHASE CT. |
| 135 | 23/06/14 | 13:38 | 220KV GAZIPUR - BTPS CKT | 23/06/14 | 14:52 | AT GAZIPUR CKT. TRIPPED ON ZONE-1, DIST PROT AT BTPS R PHASE, E/F, ZONE-1, DISTANCE 14.3KMS |
| 136 | 23/06/14 | 13:50 | WAZIRABAD 66/11KV, 20MVA TX-III | 23/06/14 | 14:00 | TR. TRIPPED ON HIGH WINDING TEMP ALONGWITH 11KV I/C-III |
| 137 | 23/06/14 | 13:50 | WAZIRABAD 220/66KV 100MVA TX-II | 23/06/14 | 14:00 | TR. TRIPPED ON SPR |
| 138 | 23/06/14 | 14:29 | 400KV MUNDKA-JHATIKARA CKT-I | 23/06/14 | 19:08 | SHUTDOWN TO ATTEND HEAVY SPARKING AT B PHASE LINE ISOLATOR CLAMP |
| 139 | 24/06/14 | 19:18 | 220KV WAZIRABAD - MANDOLA CKT-II | 24/06/14 | 19:28 | AT WAZIRABAD : CKT. TRIPPED ON GEN. TRIP, RYB PHASE, STARTT Y PHASE, ZONE-1, DISTANCE PROT, DIST. 2.5KMS. AT MANDOLA : CKT. TRIPPED ON DIST PROT, DIST 9.5KMS |
| 140 | 25/06/14 | 4:58 | 220KV GOPALPUR-MANDOLACKT-I | 25/06/14 | 6:01 | AT GOPALPUR CKT. TRIPPED ON DIST PROT, ZONE-1, DISTANCE 5.9KM AT MANDOLA CKT. TRIPPED ON DIST PROT, |
| 141 | 25/06/14 | 4:59 | 220KV WAZIRABAD-GEETA COLONY CKT-I | 25/06/14 | 5:18 | AT WAZIRABAD : CKT. TRIPPED ON GEN. TRIP, RYB PHASE, START B PHASE, ZONE-1', ZONE-2, ZONE-3, DISTANCE 0KMS. AT GEETA COLONY : CKT. TRIPPED ON O/C, E/F, START Z>1, START 5.81KM |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|---------------------------------------|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 142 | 25/06/14 | 4:59 | 220KV WAZIRABAD-GEETA COLONY CKT-II | 25/06/14 | 5:18 | AT WAZIRABAD : CKT. TRIPPED ON GEN TRIP, START R PHASE, DISTANCE 0KM AT GEETA COLONY CKT. TRIPPED ON O/C, E/F, START 5.81KMS. |
| 143 | 25/06/14 | 4:59 | WAZIRABAD 220/66KV 100MVA TX-III | 25/06/14 | 5:13 | TR. TRIPPED ON E/F & 66KV I/C-III TRIPPED ON INTER TRIP |
| 144 | 25/06/14 | 5:23 | 220KV GEETA COLONY-PATPARGANJ CKT-I | 25/06/14 | 5:31 | AT GEETA COLONY CKT. TRIPPED ON ZONE-1, DISTANCE 1.1KM AT PATPARGANJ NO TRIPPING |
| 145 | 25/06/14 | 5:40 | NAJAFGARH 66/11KV, 20MVA TX-II | 25/06/14 | 6:55 | 11KV I/C-II TRIPPED ON E/F |
| 146 | 25/06/14 | 14:46 | PRAGATI 220/66KV 160MVA TX-II | 25/06/14 | 14:59 | TR. TRIPPED ON BUCHHOLZ, OLTC, 30B, 30C |
| 147 | 25/06/14 | 14:46 | PRAGATI 220/66KV 160MVA TX-I | 25/06/14 | 14:57 | TR. TRIPPED ON BUCHHOLZ, 86, 86, 30B, 30C |
| 148 | 25/06/14 | 15:03 | NARAINA 33KV 10MVAR CAP. BANK-II | 26/06/14 | 13:10 | CAPACITOR BANK TRIPPED ON 86, NEUTRAL IMPEDANCE |
| 149 | 25/06/14 | 22:40 | 220KV GOPALPUR-MANDOLACKT-I | 26/06/14 | 15:27 | AT GOPALPUR CKT. TRIPPED ON M1 RYB PHASE, M2 R&Y PHASE, ZONE-1, DIST. PROT., DISTANCE 12.1KM AT MANDOLA ZONE-1, B&N PHASE, DISTANCE 12.1KM |
| 150 | 27/06/14 | 18:30 | 220KV ROHINI-SHALIMARBAGH CKT-II | 27/06/14 | 19:30 | AT SHALIMARBAGH CKT. TRIPPED ON POLE DISCREPANCY AT ROHINI NO TRIPPING |
| 151 | 29/06/14 | 10:55 | 220KV MEHRAULI - VASANT KUNJ CKT.-I | 29/06/14 | 12:27 | AT MEHRAULI CKT. TRIPPED ON DIST PROT, B PHASE, 186A&B AT VASANT KUNJ ONLY SUPPLY FAIL |
| 152 | 29/06/14 | 14:27 | 220KV WAZIRABAD - KASHMEREGATE CKT-II | 29/06/14 | 16:55 | AT WAZIRABAD : CKT. TRIPPED ON DIST PROT, ZONE-1, DISTANCE 1.3KM, R,Y PHSE, 86 AT KASHMIRI GATE ONLY SUPPLY FAIL |
| 153 | 30/06/14 | 12:14 | ELECTRIC LANE 220/33KV 100MVA TX-I | 30/06/14 | 12:51 | TR. TRIPPED ON 86A, & 86B RELAY |

19.4 DETAILS OF 400/220KV BREAKDOWN/TRIPPINGS OCCURRED IN DTL SYSTEM DURING THE MONTH JULY -2014

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|---------------------------------------|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 1 | 01/07/14 | 13:32 | WAZIRABAD 66/11KV, 20MVA TX-IV | 01/07/14 | 14:45 | TR. TRIPPED ON MASTER RELAY 86, DIFFERENTIAL RELAY, 82ABC PHASE. |
| 2 | 01/07/14 | 16:40 | 220KV BAMNAULI - DIAL CKT-I | 01/07/14 | 17:04 | AT DIAL CKT. TRIPPED ON B PHASE TRIP, ZONE-1 AT BAMNAULI CKT. TRIPPED ON DIST PROT, C PHASE, 186 |
| 3 | 01/07/14 | 16:40 | 220KV BAMNAULI - DIAL CKT-II | 01/07/14 | 16:56 | AT DIAL CKT. TRIPPED ON B PHASE TRIP, ZONE-1, GEN TRIP AT BAMNAULI CKT. NO TRIPPING |
| 4 | 02/07/14 | 5:43 | 220KV WAZIRABAD - KASHMEREGATE CKT-II | 02/07/14 | 11:36 | AT KASHMIRI GATE CKT. TRIPPED ON POLE DISCREPANCY AT WAZIRABAD NOT TRIPPING |
| 5 | 02/07/14 | 11:15 | DSIIDC BAWANA 220/66KV 100MVA TX-III | 02/07/14 | 11:26 | TR. TRIPPED ON DIFFERENTIAL RELAY AND BUCHHOLZ RELAY, WINDING TEMP ALARM |
| 6 | 02/07/14 | 11:46 | TRAUMA CENTER 220/33KV 100MVA TX-II | 02/07/14 | 12:12 | TR. TRIPPED ON 86A, 86B, O/C |
| 7 | 02/07/14 | 14:03 | 220KV WAZIRABAD-GEETA COLONY CKT-II | 03/07/14 | 19:45 | AT WAZIRABAD CKT TRIPPED ON R PH ZONE-I, 1.4KMS AT AT GEETA COLONY DIST PROT, ZONE -1, DIST 24.1KM. TOWER NO. 14&15 OF 220KV WAZIRABAD - KASHMIRI GATE CKT. COLLAPSED NEAR SHASTRI PARK AND FELL ON 220KV WAZIRABAD - GEETA COLONY CKT. -II AT TOWER NO. 13 T-OFF TO KASHMIRI GATE CKT.-I ON TOWER 347 OF 220KV WAZIRABAD - GEETA COLONY CKT. -II TO FEED KASHMIRI GATE |
| 8 | 02/07/14 | 14:03 | 220KV WAZIRABAD-GEETA COLONY CKT-I | 02/07/14 | 17:46 | AT WAZIRABAD CKT TRIPPED ON R PH ZONE-I, 5.4KMS AT AT GEETA COLONY DIST PROT ZONE -3, DIST. 612.6MTS TOWER NO. 14 & 15 220KV WAZIRABAD - KASHMIRI GATE CKT. COLLAPSED NEAR SHASTRI PARK AND FELL ON 220KV WAZIRABAD - GEETA COLONY CKT. -II |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|---|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 9 | 02/07/14 | 14:03 | 220KV WAZIRABAD - KASHMEREGATE CKT-II | 08/07/14 | 13:47 | AT WAZIRABAD R PHASE DIST PROT, ZONE-I DISTANCE 1.4KMS AT KASHMIRI GATE 67NX TOWERS 14 & 15 OF BOTH THE CKTS COLLAPSED NEAR SHASTRI PARK AND FELL ON 220KV WAZIRABAD - GEETA COLONY CKT. -II. 220KV WAZIRABAD - KASHMIRI GATE CKT.-II ENERGIZED ON ERS ON 08.07.2014 AT 13.47HRS. (CKT ENERGIZED ON NORMAL TOWERS AT 22.06HRS. ON 21.07.2014) |
| 10 | 02/07/14 | 14:03 | 220KV WAZIRABAD - KASHMEREGATE CKT-I | 18/07/14 | 14:31 | AT WAZIRABAD O/C, R PHASE, AT KASHMIRI GATE 67NX TOWER NO 14 & 15 COLLAPSED AND FELL ON 220KV WAZIRABAD - GEETA COLONY CKT. -II CKT. NORMALIZED ON NORMAL TOWERS ON 18.07.2014 |
| 11 | 03/07/14 | 8:05 | 220KV MEHRAULI - VASANT KUNJ CKT.-I | 03/07/14 | 8:24 | AT MEHRAULI CKT. TRIPPED ON 186A, 186B, DIST PROT, B PHASE AT VASANT KUNJ NO TRIPPING |
| 12 | 03/07/14 | 10:43 | 220KV GEETA COLONY- PATPARGANJ CKT -II | 03/07/14 | 11:03 | AT GEETA COLONY CKT. TRIPPED ON ACTIVE GROUP -I, START PHASE A, TRIPPED ABC, O/C AT PATPARGANJ NO TRIPPING |
| 13 | 04/07/14 | 11:49 | WAZIRPUR 220/33KV 100MVA TX-II | 04/07/14 | 12:53 | TR. TRIPPED ON REF DIFFERENTIAL PROT ALONGWITH 33KV I/C-II TRIPPED ON REF DIFFERENTIAL INTER TRIP |
| 14 | 05/07/14 | 11:50 | 220KV GOPALPUR- MANDOLACKT-I | 05/07/14 | 12:35 | AT GOPALPUR CB MANUALLY MADE OFF AT MANDOLA CKT. TRIPPED ON 186 |
| 15 | 06/07/14 | 1:14 | 220KV BAMNAULI- NAJAFGARH CKT-I | 06/07/14 | 1:20 | AT BAMNAULI NO TRIPPING AT NAJAFGARH CKT. TRIPPED ON 186 |
| 16 | 06/07/14 | 1:14 | 220KV BAMNAULI- NAJAFGARH CKT-II | 06/07/14 | 1:20 | AT BAMNAULI NO TRIPPING AT NAJAFGARH CKT. TRIPPED ON 186 |
| 17 | 06/07/14 | 7:42 | ROHINI 66/11KV, 20MVA TX-II | 06/07/14 | 13:35 | 11KV I/C-II TRIPPED ON O/C ALONGWITH FLASH IN THE ASSOCIATED 11KV BUS FOLLOWING 11KV FEEDERS AFFECTED DDA SEC. 25, MCD FLATS, CENPID, DANV COLONY, NDMC S/STN, PRAHLADPUR |
| 18 | 06/07/14 | 17:14 | 220KV PRAGATI - SARITA VIHAR CKT-I | 06/07/14 | 17:30 | AT PRAGATI CKT. TRIPPED ON A-N AT SARITA VIHAR CKT. TRIPPED ON DIST PROT, ZONE-I, 186 |
| 19 | 06/07/14 | 17:14 | 220KV PRAGATI - SARITA VIHAR CKT-II | 06/07/14 | 17:30 | AT SARITA VIHAR NO TRIPPING. AT PRAGATI CKT TRIPPED ON A-N FAULT DURATION 44.96MS. |
| 20 | 07/07/14 | 7:55 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 07/07/14 | 9:15 | TRIPPED ON O/C, E/F, THEFT OF CONTROL CABLE |
| 21 | 07/07/14 | 7:55 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 07/07/14 | 9:15 | TRIPPED ON O/C, E/F |
| 22 | 07/07/14 | 9:05 | MASJID MOTH 220/33KV 100MVA TX-II | 10/07/14 | 21:40 | TR. TRIPPED ON BUCHOLZ RELAY, DIRECTIONAL E/F, 86, O/C 33KV I/C-II INTER TRIP |
| 23 | 07/07/14 | 10:55 | INDRAPRASTHA POWER 220/33KV 100MVA TX-III | 07/07/14 | 11:10 | TR. TRIPPED ON 86, 186, AUXILIARY RELAY , 33KV I/C-III TRIPPED ALONGWITH 33KV BAY NO. 7, 17, 25, 29 , 33 & 37 |
| 24 | 07/07/14 | 12:29 | 220KV GOPALPUR- MANDOLACKT-II | 07/07/14 | 13:32 | AT MANDOLA CKT. TRIPPED ON DIST PROT, ZONE-II, FAULT DISTANCE 23.48KMS AT GOPALPUR NO TRIPPING |
| 25 | 08/07/14 | 18:46 | NAJAFGARH 66KV PASCHIM VIHAR CKT-I (BODHELA-II CKT-I) | 09/07/14 | 3:00 | CKT. TRIPPED ON ZONE-I, 86, OIL LEAKAGE IN Y PHASE CT |
| 26 | 08/07/14 | 21:58 | 220KV GOPALPUR- MANDOLACKT-I | 09/07/14 | 19:14 | AT GOPALPUR CKT. TRIPPED ON GEN TRIP, ZONE-I, RYB PHASE, MAIN 1 & 2 TRIP ON RYBPHASE AT MANDOLA CKT. TRIPPED ON ZONE-1, DIST. PROT. DISTANCE DISTANCE 19KM, RYB PHASE. |
| 27 | 09/07/14 | 11:25 | 400KV BAMNAULI- JHATIKARA CKT-I | 09/07/14 | 17:39 | AT BAMNAULI SPARKING OBSERVED ON ON ISOLATOR OF THE CKT. AND HANCE TRIPPED MANUALLY. |
| 28 | 10/07/14 | 11:04 | 220KV MAHARANIBAGH - TRAUMA CENTER CKT-II | 10/07/14 | 11:25 | AT MAHARANIBAGH CKT. TRIPPED ON 86 AT TRAUMA CENTER NO TRIPPING |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|---|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 29 | 10/07/14 | 12:02 | 220KV GAZIPUR - MAHARANIBAGH CKT. -II | 10/07/14 | 21:46 | AT MAHARANIBAGH TRIPPED ON E/F, Z-1 AT GAZIPUR NO TRIPPING R PHASE JUMPER SNAPPED |
| 30 | 10/07/14 | 12:08 | RIDGE VALLEY 220/66KV 160MVA TX-II | 10/07/14 | 12:16 | TR. TRIPPED ON E/F |
| 31 | 11/07/14 | 6:45 | 220KV PRAGATI - I.P.CKT - II | 11/07/14 | 12:15 | AT I.P. CKT TRIPPED WITHOUT INDICATION AT PRAGATI NO TRIPPING |
| 32 | 12/07/14 | 12:35 | 220KV GOPALPUR-MANDOLACKT-II | 12/07/14 | 21:28 | AT GOPALPUR CKT. TRIPPED ON ZONE-1, DISTANCE 1.8KM AT MANDOLA CKT. TRIPPED ON ZONE-I R&B PHASE, DIST 13.9KM |
| 33 | 12/07/14 | 12:35 | 220KV GOPALPUR-MANDOLACKT-I | 12/07/14 | 21:28 | AT GOPALPUR CKT. TRIPPED ON ZONE-1, R PHSE DISTANCE 7.6KM AT MANDOLA CKT. TRIPPED ON ZONE-1, DIST 11.8KM |
| 34 | 12/07/14 | 15:27 | 220KV PRAGATI - SARITA VIHAR CKT-I | 12/07/14 | 15:40 | AT PRAGATI CKT TRIPPED ON DIST PROT, ZONE-1, DISTANCE 6.8KMS AT SARITA VIHAR CKT. TRIPPED ON DIST PROT, ZONE-1, DISTANCE 4.267KM. |
| 35 | 12/07/14 | 22:29 | 220KV GOPALPUR-MANDOLACKT-II | 13/07/14 | 15:24 | AT GOPALPUR CKT. TRIPPED ON FUSE FAIL, CB, R PHSE OPEN, MAIN -I R&Y PHASE, MAIN-II - R,Y & B PHASE AT GOPALPUR NO TRIPPING JUMPER SNAPPED OF Y PHASE AT TOWER NO. 323 |
| 36 | 13/07/14 | 12:23 | PATPARGANJ 220/33KV 100MVA TX-III | 13/07/14 | 12:28 | 33KV I/C-III TRIPPED ON E/F. ALONGWITH 33KV GURU ANAGD NAGAR CKT. I & II ALSO TRIPPED ON E/F, ONE CABLE OF 33KV GURU ANAGD NAGAR CKT. -I ALSO DECLARED FAULTY AND ENERGIZED ON SINGLE CABLE AT 17.05HRS. ON 13.07.2014. 33KV GURU ANAGD NAGAR CKT. -II ENERGIZED AT 17.05HRS. AFTER GETTING CLEARANCE FROM BYPL. 33KV CBD SHAHDRA AND 33KV SCOPE BUILDING ALSO AFFECTED WHICH GOT ENERGIZED AT 12.28HRS. ON 13.07.2014 |
| 37 | 13/07/14 | 14:40 | MEHRAULI 220/66KV 160MVA TX-I | 14/07/14 | 3:10 | TR. TRIPPED ON 186REF, 186, 66KV I/C WITHOUT INDICATION |
| 38 | 15/07/14 | 23:55 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 16/07/14 | 0:25 | 33KV I/C-I TRIPPED WITHOUT INDICATION , TR. -I ALSO TRIPPED AT 00.20HRS. ON 16.07.2014 AND CHARGED ON 00.25HRS. |
| 39 | 15/07/14 | 23:55 | INDRAPRASTHA POWER 33KV KILOKRI CKT (BAY-1) | 16/07/14 | 15:58 | BAY TRIPPED ALONGWITH 33KV I/C-I ON E/F. |
| 40 | 15/07/14 | 23:55 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 16/07/14 | 0:48 | 33KV I/C-II TRIPPED ON E/F |
| 41 | 17/07/14 | 6:51 | RIDGE VALLEY 220/66KV 160MVA TX-II | 18/07/14 | 19:29 | TR. TRIPPED ON E/F, 86 A&B |
| 42 | 17/07/14 | 6:52 | 220KV MAHARANI BAGH - LODHI ROAD CKT-I | 17/07/14 | 7:32 | AT MAHARANI BAGH CKT. TRIPPED ON Z-1, DISTANCE 2.1KM, Y PHASE. AT LODHI ROAD NO TRIPPING |
| 43 | 17/07/14 | 8:50 | LODHI RD 33/11KV, 20MVA TX-II | 17/07/14 | 11:11 | TR. TRIPPED ON 86, DIFFERENTIAL 87 |
| 44 | 17/07/14 | 17:15 | LODHI RD 220/33KV 100MVA TX-II | 17/07/14 | 17:24 | 33KV I/C-II TRIPPED ON E/F. 33KV R PHASE CT OF EXHIBITION CKT. -II DAMAGED. THE FEEDER ALSO TRIPPED ON E/F. ONE CABLE OF THE CKT. DECLARED FAULTY AND ENERGIZED ON SINGLE CABLE AT 13.05HRS. ON 18.07.2014 AFTER REPLACING THE CT AT LODHI ROAD. 33KV VIDYUT BHAWAN ALSO TRIPPED ON E/F WHICH GOT ENERGIZED AT 05.34HRS. ON 18.07.2014. 11KV SHAN NAGAR CKT. -I TRIPPED ON E/F DURING THE INCIDENT ALSO ENERGIZED AT 17.25HRS. ON 17.07.2014. |

| SLNO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|------|--------------------------|-------|---|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 45 | 17/07/14 | 17:15 | LODHI RD 220/33KV 100MVA TX-I | 17/07/14 | 17:24 | 33KV I/C-I TRIPPED ON E/F. 33KV R PHASE CT OF EXHIBITION CKT. -II DAMAGED. THE FEEDER ALSO TRIPPED ON E/F. ONE CABLE OF THE CKT. DECLARED FAULTY AND ENERGIZED ON SINGLE CABLE AT 13.05HRS. ON 18.07.2014 AFTER REPLACING THE CT AT LODHI ROAD. 33KV VIDYUT BHAWAN ALSO TRIPPED ON E/F WHICH GOT ENERGIZED AT 05.34HRS. ON 18.07.2014. 11KV SHAN NAGAR CKT. -I TRIPPED ON E/F DURING THE INCIDENT ALSO ENERGIZED AT 17.25HRS. ON 17.07.2014. |
| 46 | 17/07/14 | 17:30 | INDRAPRASTHA POWER 33KV NIZAMUDDIN CKT (BAY-13) | 18/07/14 | 17:45 | TRIPPED ON E/F (CABLE HEALTHY) CONTROL CABLE PROBLEM DUE TO THEFT AT I.P. |
| 47 | 17/07/14 | 19:46 | MASJID MOTH 220/33KV 100MVA TX-I | 21/07/14 | 19:45 | TR. TRIPPED ON BUCHOLZE, NON DIRECTIONAL E/F, B PHASE BUSHING OF HV SIDE DAMAGED. |
| 48 | 17/07/14 | 20:02 | WAZIRABAD 220/66KV 100MVA TX-II | 17/07/14 | 23:34 | TR. TRIPPED ON 3 PHASE TRIP,66KV I/C-II TRIP WITHOUT INDICATION |
| 49 | 17/07/14 | 20:03 | MEHRAULI 66/11KV, 20MVA TX-I | 18/07/14 | 1:55 | TR. TRIPPED ON 30D, OIL TEMP TRIP, 86 |
| 50 | 17/07/14 | 22:30 | INDRAPRASTHA POWER 33KV TILAK MARG CKT (BAY-6) | 19/07/14 | 20:25 | TRIPPED MANUALLY DUE TO THEFT OF CONTROL CABLE |
| 51 | 17/07/14 | 23:51 | PRAGATI 220/66KV 160MVA TX-II | 18/07/14 | 1:30 | TR. TRIPPED ON OLTC, 30A, BUCCHOLZ TRIP, 30D, 30B, OIL TEMP HIGH |
| 52 | 17/07/14 | 23:51 | PRAGATI 220/66KV 160MVA TX-I | 18/07/14 | 1:50 | TR. TRIPPED ON 30C, WINDING TEMP, 30D, OLTC BUCHHOLZ TRIP, 86 |
| 53 | 17/07/14 | 23:51 | 220KV PRAGATI - SARITA VIHAR CKT-II | 18/07/14 | 0:02 | AT PRAGATI TRIPPED WITHOUT INDICATOIN AT SARITA VIHAR NO TRIPPING |
| 54 | 18/07/14 | 0:59 | 220KV BAMNAULI - DIAL CKT-I | 18/07/14 | 8:50 | AT BAMNAULI CKT TRIPPED ON 186A&B AT DIAL NO TRIPPING |
| 55 | 18/07/14 | 1:12 | WAZIRABAD 220/66KV 100MVA TX-II | 18/07/14 | 8:05 | TR. TRIPPED ON OLTC, BUCHHOLZ TRIP, LOW OIL LEVEL |
| 56 | 18/07/14 | 1:12 | WAZIRABAD 66/11KV, 20MVA TX-III | 18/07/14 | 8:53 | TR. TRIPPED ON DIFFERENTIAL RELAY, 87Y, 87B, 87RYB, 86 RELAY |
| 57 | 18/07/14 | 3:14 | WAZIRPUR 220/33KV 100MVA TX-II | 18/07/14 | 10:05 | TR. TRIPPED ON PRV OPERATED, 86 RELAY |
| 58 | 18/07/14 | 4:10 | INDRAPRASTHA POWER 33KV EXHIBITION GR-2 CKT (BAY-9) | 18/07/14 | 20:05 | MADE OFF AS THE CONTROL CABLE STOLEN BY THIEVES |
| 59 | 20/07/14 | 5:48 | LODHI RD 33/11KV, 20MVA TX-II | 20/07/14 | 13:46 | 11KV I/C-II TRIPPED ON E/F WITH BUS-I, HEAVY SMOKE OBSERVED ON 11KV BUS BAR |
| 60 | 20/07/14 | 6:55 | 220KV WAZIRABAD - KASHMEREGATE CKT-I | 20/07/14 | 7:09 | AT WAZIRABAD CKT TRIPPED ON DIST PROT, ZONE -1 B PHASE AT KASHMIRI GATE NO TRIPPING |
| 61 | 20/07/14 | 21:10 | PATPARGANJ 33/11KV, 20MVA TX | 20/07/14 | 21:15 | 11KV I/C-I TRIPPED ON O/C (20MVA PR. TR.) 11KV RANI WELL FEEDER ALSO TRIPPED ON O/C, E/F. |
| 62 | 21/07/14 | 14:21 | ROHINI-II 220/66KV 160MVA TX-I | 21/07/14 | 15:08 | TR. TRIPPED ON 86 |
| 63 | 21/07/14 | 14:21 | 220KVBAWANA- ROHINI CKT-II | 21/07/14 | 14:33 | AT ROHINI CKT. TRIPPED ON DIST PROT, B PHASE, 186A, 186B AT BAWANA NO TRIPPING |
| 64 | 22/07/14 | 14:30 | NARAINA 33KV 10MVAR CAP. BANK-I | 22/07/14 | 15:12 | CAPACITOR BANK TRIPPED ON 86 |
| 65 | 22/07/14 | 19:16 | ROHINI-II 220/66KV 160MVA TX-II | 22/07/14 | 20:10 | SPARK OBSERVED ON NEUTRAL CT OF 100MVA -II |
| 66 | 23/07/14 | 1:38 | 220KV BAWANA-DSIIDC BAWANA CKT-I | 23/07/14 | 2:28 | AT BAWANA CKT TRIPPED ON 86, DIRECTIONAL E/F AT DSIDC BAWANA NO TRIPPING. |
| 67 | 23/07/14 | 5:50 | 220KV WAZIRABAD - MANDOLA CKT-IV | 23/07/14 | 17:20 | AT WAZIRABAD CKT. TRIPPED ON R PHASE- B PHSE, Z-1, AT MANDOLA Z-1, DIST PROT, DISTANCE 5.038KM |

| SLNO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|------|--------------------------|-------|--|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 68 | 23/07/14 | 19:05 | 220KV WAZIRABAD - MANDOLA CKT-IV | 23/07/14 | 22:00 | CKT MADE OFF DUE TO SPARKING OBSERVED ON RELAY PANEL AT WAZIRABAD. |
| 69 | 24/07/14 | 10:10 | SUBZI MANDI 33/11KV, 16MVA TX-I | 24/07/14 | 10:26 | TR. TRIPPED ON AUTO RELAY, 30ABC, 86, 11KV I/C-I ALSO TRIPPED |
| 70 | 27/07/14 | 7:30 | 220KV MEHRAULI - VASANT KUNJ CKT. - II | 27/07/14 | 7:40 | AT MEHRAULI CKT. TRIPPED ON DIST PROT AT VASANT KUNJ. NO TRIPPING, THE TRIPPING OCCURED WHILE ARRANGING SHUTDOWN OF 220KV BTPS - MEHRAULI CKT. -II ALONGWITH 220KV BUS-I AT MEHRAULI. |
| 71 | 27/07/14 | 9:13 | 220KV GAZIPUR - BTPS CKT | 27/07/14 | 14:30 | AT BTPS CKT. TRIPPED ON DIST PROT, DIST 16.9KM AT GAZIPUR NO TRIPPING |
| 72 | 27/07/14 | 9:15 | 220KV GAZIPUR - MAHARANIBAGH CKT. -I | 27/07/14 | 9:37 | AT MAHARANI BAGH CKT. TRIPPED ON ZONE-2, DISTANCE 7.6KM AT GAZIPUR NO TRIPPING |
| 73 | 27/07/14 | 9:15 | 220KV GAZIPUR - MAHARANIBAGH CKT. -II | 27/07/14 | 10:06 | AT MAHARANI BAGH CKT. TRIPPED ON E/F, ZONE-2, DIST PROT, AT GAZIPUR CKT. TRIPPED ON E/F |
| 74 | 28/07/14 | 7:51 | ELECTRIC LANE 220/33KV 100MVA TX-I | 28/07/14 | 18:33 | TR. TRIPPED ON 86A, DIFFERENTIAL PROT, 87P, ABC RELAY 33KV I/C-I TRIPPED ON 86A, 86B |
| 75 | 28/07/14 | 19:32 | OKHLA 33KV ALAKNANDA CKT-II | 28/07/14 | 20:20 | CKT. TRIPPED WITHOUT INDICATION CB GAS PRESSURE FOUND LOW. |
| 76 | 28/07/14 | 19:38 | GOPALPUR 220/33KV 100MVA TX-III | 31/07/14 | 17:27 | TR. TRIPPED ON DIFFERENTIAL, OIL LEAKAGE FROM Y PHASE LV SIDE BUSHING |
| 77 | 29/07/14 | 5:50 | PATPARGANJ 33/11KV, 16MVA TX | 29/07/14 | 18:55 | TR. TRIPPED ON E/F, O/C R&Y PHASE , 86, 11KV FEEDER NATIONAL DAIRY, COMMERCIAL PRACTICE, DVB STAFF QTR, GANASH NAGAR ALSO AFFECTED |
| 78 | 29/07/14 | 7:32 | 220KV GAZIPUR - MAHARANIBAGH CKT. -I | 29/07/14 | 9:44 | AT MAHARANI BAGH CKT. TRIPPED ON DIST PROT, DISTANCE 4.91KM, AT GAZIPUR NO TRIPPING |
| 79 | 29/07/14 | 12:15 | KASHMIRI GATE 33/11KV, 16MVA TX | 09/08/14 | 15:54 | TRIPPED MANUALLY AS SMOKE OBSERVED AND OIL LEAKAGE FROM THE MAIN TANK, GASKET OF INSPECTION PLATE OF MAIN TANK ALSO DAMAGED. |
| 80 | 29/07/14 | 18:53 | MUNDKA 400/220KV 315MVA ICT-III | 08/08/14 | 18:24 | ICT TRIPPED ON DIFFERENTIAL RELAY |
| 81 | 31/07/14 | 0:14 | PRAGATI 220/66KV 160MVA TX-I | 31/07/14 | 0:37 | TR. TRIPPED ON OLTC BUCH, HIGH WINDING TEMP. |
| 82 | 31/07/14 | 0:14 | PRAGATI 220/66KV 160MVA TX-II | 31/07/14 | 0:37 | TR. TRIPPED ON 30A, BUCHOLZ, OLTC, OIL TEMP HIGH, 86, 86, HIGH WINDING TEMPRATURE |
| 83 | 31/07/14 | 0:14 | 220KV PRAGATI - SARITA VIHAR CKT-II | 31/07/14 | 1:02 | AT PRAGATI TRIPPED ON R PHASE OVER CURRENT AT SARITA VIHAR NO TRIPPING |
| 84 | 31/07/14 | 4:51 | 220KV PRAGATI - SARITA VIHAR CKT-II | 31/07/14 | 5:07 | AT PRAGATI TRIPPED ON 186, 186, R PHASE OVER CURRENT AT SARITA VIHAR NO TRIPPING |
| 85 | 31/07/14 | 4:51 | PRAGATI 220/66KV 160MVA TX-II | 31/07/14 | 5:23 | TR. TRIPPED ON 30A BUCHLOZ, 30D, HIGH OIL & WINDING TEMP, 86, 86 |
| 86 | 31/07/14 | 4:51 | PRAGATI 220/66KV 160MVA TX-I | 31/07/14 | 5:23 | TR. TRIPPED ON 30B, HIGH OIL TEMP, 30C HIGH WINDING TEMP, 86, 86 |
| 87 | 31/07/14 | 11:43 | 220KVBAWANA- ROHINI CKT-II | 31/07/14 | 12:54 | AT ROHINI CKT. TRIPPED ON DIFFERENTIAL COMMUNICATION FAILURE, SOTF TRIP, AT BAWANA NO TRIPPING |
| 88 | 31/07/14 | 11:43 | ROHINI-II 220/66KV 160MVA TX-I | 31/07/14 | 12:54 | TRANSFORMER TRIPPED ON AIR PRESSURE LOW |
| 89 | 31/07/14 | 11:43 | ROHINI-II 220/66KV 160MVA TX-II | 31/07/14 | 12:54 | TR. TRIPPED WITH RELAY, 66KV I/C-II TRIPPED ON DIRECTIONAL E/F |
| 90 | 31/07/14 | 12:50 | GOPALPUR 33/11KV, 16MVA TX-I | 31/07/14 | 17:30 | TR. TRIPPED WITHOUT INDICATION |

19.5 DETAILS OF 400/220KV BREAKDOWN/TRIPPINGS OCCURRED IN DTL SYSTEM DURING THE MONTH AUGUST – 2014

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 1 | 01/08/14 | 9:59 | KANJHAWALA 220/66KV 100MVA TX-I | 01/08/14 | 12:55 | TR. TRIPPED ON DIFFERENTIAL B PHASE, 66KV I/C-I TRIP ON 295C |
| 2 | 01/08/14 | 17:30 | 220KV GAZIPUR - MAHARANIBAGH CKT. -II | 01/08/14 | 17:48 | AT MAHARANI BAGH CKT. TRIPPED ON E/F AT GAZIPUR NO TRIPPING |
| 3 | 01/08/14 | 17:30 | 220KV GAZIPUR - BTPS CKT | 01/08/14 | 18:12 | AT BTPS CKT. TRIPPED ON R PHASE, E/F, DISTANCE 23.8KM AT GAZIPUR NO TRIPPING |
| 4 | 01/08/14 | 17:30 | 220KV GAZIPUR - MAHARANIBAGH CKT. -I | 01/08/14 | 18:09 | AT MAHARANIBAGH CKT. TRIPPED ON E/F AT GAZIPUR NO TRIPPING |
| 5 | 02/08/14 | 10:29 | 400KV BAWANA-MUNDKA CKT-I | 02/08/14 | 10:39 | AT MUNDKA CKT. TRIPPED WITHOUT INDICATION AT BAWANA NO TRIPPING |
| 6 | 02/08/14 | 10:53 | 220KV MEHRAULI - BTPS CKT. - II | 02/08/14 | 22:15 | AT BTPS CKT. TRIPPED ZONE-I, R PHASE, E/F AT MEHRAULI CKT. TRIPPED ON ZONE-I, 186, 186, TRIPPED PHASE ABC, FAULT LOCATION 10.34KMS |
| 7 | 02/08/14 | 11:00 | 220KV MEHRAULI - BTPS CKT. - I | 02/08/14 | 11:35 | AT BTPS CKT. TRIPPED ON ZONE-2, B PHSAE AT MEHRAULI NO TRIPPING |
| 8 | 03/08/14 | 5:20 | NAJAFGARH 66/11KV, 20MVA TX-I | 03/08/14 | 7:17 | 11KV I/C-I TRIPPED ON E/F, 11KV NAJAFGARH CKT. -I TRIPPED ON E/F, O/C, R&B PHASE. HEAVY SOUND OBSERVED ON THE BREAKER OF THE CKT. 11KV 1/2 BUS ALSO FLASHED. |
| 9 | 03/08/14 | 6:37 | LODHI RD 33/11KV, 20MVA TX-I | 03/08/14 | 6:45 | TR. TRIPPED ON DIFFERENTIAL |
| 10 | 03/08/14 | 12:14 | 220KV BAMNAULI-PAPPANKALAN-II CKT-II | 03/08/14 | 12:44 | AT BAMNAULI CKT. TRIPPED ON SOTF AT PAPANKALAN-II NO TRIPPING |
| 11 | 03/08/14 | 12:14 | 220KV BAMNAULI-PAPPANKALAN-II CKT-I | 03/08/14 | 12:44 | AT BAMNAULI CKT. TRIPPED ON DIST PROT, 186 A&B AT PAPANKALAN-II CKT. TRIPPED WITHOUT INDICATION |
| 12 | 03/08/14 | 15:01 | 220KVBAWANA- ROHINI CKT-II | 03/08/14 | 15:20 | AT BAWANA CKT. TRIPPED ON DIST. PROT. AT ROHINI NO TRIPPING |
| 13 | 03/08/14 | 15:01 | 220KV ROHINI-SHALIMARBAGH CKT-II | 03/08/14 | 15:12 | AT SHALIMARBAGH CKT. TRIPPED ON DIST PROT, |
| 14 | 03/08/14 | 15:01 | WAZIRPUR 220/33KV 100MVA TX-I | 03/08/14 | 16:52 | TR. TRIPPED ON GENERAL TRIP, 81, 86 |
| 15 | 04/08/14 | 17:27 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 04/08/14 | 17:40 | TR. TRIPPED WITHOUT INDICATION 220KV SIDE |
| 16 | 04/08/14 | 20:16 | 220KV BAWANA-DSI IDC BAWANA CKT-I | 04/08/14 | 20:34 | CKT. TRIPPED ON DIST PROT. |
| 17 | 04/08/14 | 20:40 | 220KV BAWANA-DSI IDC BAWANA CKT-I | 04/08/14 | 21:20 | AT NARELA CKT. TRIPPED ON E/F AT BAWANA NO TRIPPING |
| 18 | 04/08/14 | 21:24 | 220KV DSI IDC BAWANA-NARELA CKT-I | 05/08/14 | 8:23 | AT NARELA TRIPPED ON E/F AT DS IDC BAWANA NO TRIPPING |
| 19 | 04/08/14 | 21:24 | DSI IDC BAWANA 66 KV DS IDC-2 CKT-1 | 04/08/14 | 23:02 | CKT. TRIPPED ON BUS BAR PROT. |
| 20 | 04/08/14 | 21:24 | DSI IDC BAWANA 220/66KV 100MVA TX-II | 04/08/14 | 22:13 | TR. TRIPPED ON BUS BAR PROTECTION AT 66KV SIDE |
| 21 | 04/08/14 | 21:24 | DSI IDC BAWANA 220/66KV 100MVA TX-III | 04/08/14 | 21:26 | TR. TRIPPED ON BUS BAR PROT. 66KV SIDE |
| 22 | 04/08/14 | 21:24 | DSI IDC BAWANA 66 KV DS IDC-2 CKT-2 | 04/08/14 | 23:25 | CKT. TRIPPED ON BUS BAR PROT. |
| 23 | 04/08/14 | 23:52 | DSI IDC BAWANA 220/66KV 100MVA TX-II | 04/08/14 | 23:58 | CKT. TRIPPED ON BUS BAR PROT. |
| 24 | 04/08/14 | 23:52 | DSI IDC BAWANA 66 KV DS IDC-2 CKT-1 | 05/08/14 | 6:58 | CKT. TRIPPED ON BUS BAR PROT. |
| 25 | 04/08/14 | 23:52 | DSI IDC BAWANA 66 KV DS IDC-2 CKT-2 | 05/08/14 | 6:58 | CKT. TRIPPED ON BUS BAR PROT. |
| 26 | 04/08/14 | 23:52 | DSI IDC BAWANA 220/66KV 100MVA TX-III | 04/08/14 | 23:58 | CKT. TRIPPED ON BUS BAR PROT. |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 27 | 05/08/14 | 12:01 | DSIIDC BAWANA 220/66KV 100MVA TX-III | 05/08/14 | 12:04 | 220KV BUS COUPLER TRIPPED ON 86 & 96 ALONGWITH 66KV I/C-II. |
| 28 | 05/08/14 | 12:01 | DSIIDC BAWANA 220/66KV 100MVA TX-II | 05/08/14 | 12:04 | 220KV BUS COUPLER TRIPPED ON 86 & 96 ALONGWITH 66KV I/C-I |
| 29 | 05/08/14 | 13:02 | WAZIRABAD 220/66KV 100MVA TX-II | 09/08/14 | 14:49 | TR. TRIPPED ON SPR RELAY, LOW OIL LEVEL INDICATION ALONGWITH 66KV GHONDA CKT. -I ON E/F |
| 30 | 05/08/14 | 10:25 | 220KV BAWANA-DSIIDC BAWANA CKT-I | 05/08/14 | 11:04 | AT DSIDC BAWANA CKT. TRIPPED ON E/F ALONGWITH 66KV DSIDC CKT I & II AT BAWANA NO TRIPPING |
| 31 | 06/08/14 | 0:55 | INDRAPRASTHA POWER 33KV CONNAUGHT PLACE CKT (BAY-28) | 28/08/14 | 11:18 | THE FEEDER TRIPPED ON E/F (CABLE FAULTY) NDMC RECTIFIED THE CABLE AND GAVE CLEARANCE ON 21.08.2014 AT 02.15HRS. BUT COULD NOT BE NORMALIZED DUE TO CONTROL CABLE PROBLEM WHICH WAS RECTIFIED BY I.P.STAFF LATER ON. |
| 32 | 06/08/14 | 14:02 | GOPALPUR 33/11KV, 16MVA TX-I | 06/08/14 | 14:26 | TR. TRIPPED ON WITHOUT INDICATION |
| 33 | 06/08/14 | 20:27 | PARKSTREET 220/33KV 100MVA TX-II | 06/08/14 | 21:25 | TR. TRIPPED ON DIFFERENTIAL, 33KV BUS COUPLER TRIPPED ON O/C, E/F, ITS R&B PHASE CT DAMAGED |
| 34 | 06/08/14 | 20:27 | PARKSTREET 220/33KV 100MVA TX-I | 07/08/14 | 11:20 | TR. TRIPPED ON DIFFERENTIAL, 33KV BUS COUPLER TRIPPED ON O/C, E/F, ITS R&B PHASE CT DAMAGED |
| 35 | 07/08/14 | 0:34 | MUNDKA 220/66KV 160MVA TX-II | 07/08/14 | 10:49 | TR. TRIPPED ON DIST PROT, B PHASE, 86 |
| 36 | 07/08/14 | 10:45 | 220KV GAZIPUR - BTPS CKT | 08/08/14 | 16:05 | AT BTPS CKT. TRIPPED ON DIST PROT, R PHASE ZONE-2 AT GAZIPUR ONLY SUPPLY FAIL |
| 37 | 07/08/14 | 10:45 | 220KV GAZIPUR - MAHARANIBAGH CKT. -I | 07/08/14 | 11:50 | AT GAZIPUR CKT TRIPPED ON E/F AT MAHARANI BAGH CKT. TRIPPED ON R PHASE TO GROUND FAULT |
| 38 | 07/08/14 | 10:45 | 220KV GAZIPUR - MAHARANIBAGH CKT. -II | 08/08/14 | 13:47 | AT GAZIPUR NO TRIPPING AT MAHARANIBAGH R PHASE TO GROUND FAULT, CONDUCTOR ALSO SNAPPED NEAR 66KV KHICHRIPUR S/STN. |
| 39 | 07/08/14 | 15:20 | DIAL 66KV DIAL CKT-II | 07/08/14 | 15:25 | CKT. TRIPPED WHILE FILLING SF-6 GAS |
| 40 | 07/08/14 | 16:17 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 07/08/14 | 17:04 | TR. TRIPPED ON REF ON HV SIDE |
| 41 | 07/08/14 | 16:19 | GEETA COLONY 220/33KV 100MVA TX-II | 07/08/14 | 16:33 | 33KV I/C-II TRIPPED WITHOUT INDICATION |
| 42 | 07/08/14 | 16:19 | 220KV WAZIRABAD-GEETA COLONY CKT-II | 07/08/14 | 16:33 | AT GEETA COLONY CKT. TRIPPED ON DIST PROT, AT WAZIRABA CKT. TRIPPED ON GEN. TRIP, RYB PHASE, ZONE-I, DISTANCE 3.1KMS |
| 43 | 07/08/14 | 17:15 | NAJAFGARH 66/11KV, 20MVA TX-I | 07/08/14 | 19:10 | I/C TRIPPED WITHOUT INDICATION |
| 44 | 08/08/14 | 15:00 | 220KV GEETA COLONY-PATPARGANJ CKT -II | 08/08/14 | 15:13 | AT PATPARGANJ CKT. TRIPPED ON 186, 186, TRIP ABC, ZONE-I, DISTANCE 3.55KMS. AT GEETA COLONY CKT. TRIPPED ON ABC, DIST PROT, O/C, E/F, ZONE-I, DISTANCE 1.419KM |
| 45 | 08/08/14 | 17:52 | 220KV GAZIPUR - MAHARANIBAGH CKT. -II | 08/08/14 | 18:24 | AT GAZIPUR CKT. TRIPPED ON E/F AT MAHARANI BAGH CKT. TRIPPED ON E/F, R PHASE, 3.2KA, 86A & 86B |
| 46 | 08/08/14 | 17:52 | 220KV GAZIPUR - BTPS CKT | 08/08/14 | 19:21 | AT BTPS CKT. TRIPPED ON R PHASE, E/F, 3.7KMS. AT GAZIPUR NO TRIPPING |
| 47 | 08/08/14 | 17:52 | 220KV GAZIPUR - MAHARANIBAGH CKT. -I | 08/08/14 | 18:20 | AT GAZIPUR CKT. TRIPPED ON E/F AT MAHARANIBAGH CKT. TRIPPED ON E/F, R PHASE, 3.5KA, 86A & 86B |
| 48 | 09/08/14 | 4:00 | 220KV GAZIPUR - MAHARANIBAGH CKT. -I | 09/08/14 | 14:41 | AT MAHARANI BAGH CKT. TRIPPED ON UV, Z-3, B PHASE JUMPER SNAPPED ON 5TH TOWER FROM MAHARANI BAGH AT GAZIPUR CKT. TRIPPED 220KV BREAKER PUT OFF |
| 49 | 09/08/14 | 4:01 | RIDGE VALLEY 220/66KV 160MVA TX-II | 09/08/14 | 4:25 | TR. TRIPPED ON E/F, 86, 86C |
| 50 | 09/08/14 | 16:03 | GOPALPUR 33/11KV, 16MVA TX-I | 09/08/14 | 16:08 | 11KV I.C-I TRIPPED ON E/F |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 51 | 10/08/14 | 4:00 | 220KV GAZIPUR - MAHARANIBAGH CKT. -I | 10/08/14 | 14:41 | AT MAHARANI BAGH CKT. TRIPPED ON UV, B PHASE JUMPER SNAPPED ON 5TH TOWER FROM MAHARANI BAGH AT GAZIPUR 220KV BREAKER PUT OFF |
| 52 | 10/08/14 | 4:01 | RIDGE VALLEY 220/66KV 160MVA TX-II | 10/08/14 | 4:25 | TR. TRIPPED ON E/F, 86, 86C |
| 53 | 10/08/14 | 11:42 | 220KV PRAGATI - SARITA VIHAR CKT-II | 10/08/14 | 12:28 | AT PRAGATI CKT. TRIPPED ON ACTIVE GROUP -I, TRIP PHASE ABC, DIST PROT, ZONE-I, DIST 4.63KM AT SARITA VIHAR CKT. TRIPPED ON DIST PROT, 186A, 186B, 186X, ZONE-I, DIST PROT, DISTANCE 2.16KMS |
| 54 | 10/08/14 | 14:05 | VASANT KUNJ 66/11KV, 20MVA TX-I | 10/08/14 | 18:25 | TR. TRIPPED ON BUCHOLZ |
| 55 | 11/08/14 | 4:06 | 220KV BAMNAULI-PAPPANKALAN-I CKT-II | 11/08/14 | 4:22 | AT PAPANALAN -I CKT. TRIPPED ON TRIP CKT. FAULTY (CVT AVAILABLE) AT BAMNAULI NO TRIPPING |
| 56 | 11/08/14 | 4:17 | NARELA 66/33KV, 30MVA TX | 11/08/14 | 8:37 | 33KV I/C ALSO TRIPPED ON TRIP CKT. FAULTY |
| 57 | 11/08/14 | 4:17 | NARELA 220/66KV 100MVA TX-II | 11/08/14 | 10:05 | TR. TRIPPED ON WINDING TEMP ALARM, 186, |
| 58 | 11/08/14 | 5:18 | GOPALPUR 33/11KV, 16MVA TX-I | 11/08/14 | 10:34 | TR. TRIP WITHOUT INDICATION |
| 59 | 11/08/14 | 8:05 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 11/08/14 | 10:37 | TR. TRIPPED ON INSTANTANEOUS EARTH FAULT (LV) , 86 |
| 60 | 11/08/14 | 22:26 | 220KV BAMNAULI-PAPPANKALAN-I CKT-II | 11/08/14 | 22:36 | AT PAPANALAN-I CKT. TRIPPED ON 86DC, 67A AT BAMNAULI NO TRIPPING |
| 61 | 11/08/14 | 22:26 | 220KV BAMNAULI-PAPPANKALAN-I CKT-I | 11/08/14 | 22:36 | AT PAPANALAN-I CKT. TRIPPED ON 86DC, 67A AT BAMNAULI NO TRIPPING |
| 62 | 11/08/14 | 23:56 | 220KV BAMNAULI-PAPPANKALAN-I CKT-I | 12/08/14 | 0:07 | AT PAPANALAN -I CKT. TRIPPED WITHOUT INDICATION (CVT AVAILABLE) AT BAMNAULI NO INDICATION |
| 63 | 11/08/14 | 23:56 | 220KV BAMNAULI-PAPPANKALAN-I CKT-II | 12/08/14 | 4:19 | AT PAPANALAN -I CKT. TRIPPED WITHOUT INDICATION (CVT AVAILABLE AT BAMNAULI NO INDICATION |
| 64 | 12/08/14 | 4:05 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 12/08/14 | 4:10 | TR. TRIPPED WITHOUT INDICATION |
| 65 | 12/08/14 | 11:10 | 220KV DSIIDC BAWANA-NARELA CKT-I | 12/08/14 | 11:22 | AT NARELA CKT. TRIPPED ON ZONE-I, 186 R PHASE, TRIP PHASE R AT DSIDC CKT. TRIPPED ON ZONE-II, 3 PHASE, 186 |
| 66 | 12/08/14 | 11:10 | 220KV DSIIDC BAWANA-NARELA CKT-II | 12/08/14 | 11:19 | AT NARELA CKT. TRIPPED ON ZONE-I, 186 R PHASE, TRIP R PHASE AT DSIDC NO TRIPPING |
| 67 | 12/08/14 | 13:24 | 220KV MEHRAULI - VASANT KUNJ CKT.- II | 12/08/14 | 13:38 | AT MEHRAULI CKT. TRIPPED ON O/C, 67NX, 67CM, 186 A&C, AT VASANT KUNJ NO TRIPPING |
| 68 | 12/08/14 | 13:24 | MEHRAULI 220/66KV 160MVA TX-I | 12/08/14 | 13:44 | TR. TRIPPED ON 186 |
| 69 | 13/08/14 | 12:42 | 220KV GAZIPUR - MAHARANIBAGH CKT. -II | 13/08/14 | 19:42 | CKT PUT OFF AS CURRENT IN R PHASE DISAPPEARED, JUMPER ALSO SNAPPED. |
| 70 | 13/08/14 | 13:05 | NARAINA 33KV 10MVAR CAP. BANK-I | 13/08/14 | 14:26 | CAPACITOR BANK TRIPPED ON 86 |
| 71 | 15/08/14 | 9:36 | 220KV GEETA COLONY-PATPARGANJ CKT -II | 15/08/14 | 9:42 | AT GEETA COLONY CKT. TRIPPED ON ACTIVE GROUP -I , START PHASE ABC, DIST PROT, DISTANCE 2.102KMS. AT PATPARGANJ CKT. TRIPPED ON 183, 186, 86X |
| 72 | 15/08/14 | 14:28 | NARELA 220/66KV 100MVA TX-II | 15/08/14 | 16:15 | 66KV B PHASE LA DAMAGED, TR. TRIPPED ON DIFFERENTIAL |
| 73 | 15/08/14 | 15:08 | 220KV SHALIMARBAGH-WAZIRPUR CKT-I | 15/08/14 | 18:29 | AT SHALIMARBAGH CKT. TRIPPED ON 86 AT WAZIRPUR NO TRIPPING |
| 74 | 15/08/14 | 15:08 | 220KV SHALIMARBAGH-WAZIRPUR CKT-II | 15/08/14 | 18:29 | AT SHALIMARBAGH CKT. TRIPPED ON 86 AT WAZIRPUR NO TRIPPING |
| 75 | 15/08/14 | 18:01 | 220KV SHALIMARBAGH-WAZIRPUR CKT-I | 15/08/14 | 18:28 | AT SHALIMARBAGH CKT. TRIPPED WITHOUT INDICATION |
| 76 | 15/08/14 | 18:26 | SHALIMAR BAGH 220/33KV 100MVA TX-I | 15/08/14 | 18:35 | 33KV I/C-I TRIPPED ON E/F, MASTER TRIP |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 77 | 15/08/14 | 19:25 | 220KV ROHINI-SHALIMARBAGH CKT-II | 15/08/14 | 19:43 | AT AT SHLIMARBAGH CKT. TRIPPED ON DIST PROT, B PHASE, 186 A&B AT ROHINI NO TRIPPING |
| 78 | 16/08/14 | 13:52 | 220KV NARELA - MANDOLA CKT-I | 16/08/14 | 19:50 | AT NARELA CKT. TRIPPED ON R PHASE, ZONE-I, DISTANCE 2.81KMS, 186 RELAY AT MANDOLA CB AUTO TRIP, AUTO RECLOSE LOCK, DIST PROT, R PHASE, ZONE 2,3, 86 R&B |
| 79 | 16/08/14 | 15:42 | 220KV GAZIPUR - MAHARANIBAGH CKT. -II | 16/08/14 | 16:42 | AT MAHARANIBAGH CKT. TRIPPED ON 186, Y PHASE, 3.6K AMP, B PHSE, 4.1K AMP AT GAZIPUR NO TRIPPING |
| 80 | 17/08/14 | 5:30 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 17/08/14 | 11:45 | TR. TRIPPED WITHOUT INDICATION |
| 81 | 17/08/14 | 6:37 | 220KV WAZIRABAD - MANDOLA CKT-III | 17/08/14 | 7:09 | AT WAZIRABAD CKT. TRIPPED ON RYB PHASE TRIP, O/C, E/F, ZONE-I, DIST PROT, AT MANDOLA CKT TRIPPED ON ZONE-I, RBN, |
| 82 | 17/08/14 | 6:37 | 220KV WAZIRABAD - MANDOLA CKT-IV | 17/08/14 | 7:09 | AT WAZIRABAD CKT. TRIPPED ON RYB PHASE, B PHASE NEUTRAL, ZONE-I, AT MANDOLA CKT. TRIPPED ON ZONE-I, RBN PHASE |
| 83 | 17/08/14 | 6:54 | 220KV DSIDC BAWANA-NARELA CKT-I | 17/08/14 | 19:13 | AT DSIDC CKT. TRIPPED ON DIST PROT, ALL PHASE, AT NARELA NO TRIPPING |
| 84 | 17/08/14 | 8:58 | 220KV NARELA - MANDOLA CKT-II | 17/08/14 | 9:48 | AT NARELA CKT. TRIPPED ON R PHSE, ZONE-I, DISTANCE 14.4KMS AT MANDOLA CKT TRIPPED ON R PHSAE ZONE-I |
| 85 | 19/08/14 | 16:40 | 220KV GEETA COLONY-PATPARGANJ CKT-I | 19/08/14 | 16:54 | AT GEETA COLONY CKT. TRIPPED ON MAIN 1, ACTIVE GROUP, START PHASE ABC, TRIP PHASE ABC, DISTANCE PROT, DISTANCE 3.54KMS AT PATPARGANJ CKT. TRIPPED ON ZONE-I, ABC, DISTANCE 3.435KMS.186 |
| 86 | 19/08/14 | 16:40 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 19/08/14 | 17:15 | TR. TRIPPED ON INSTANTANEOUS E/F, 86, 33KV I/C TRIPPED WITHOUT INDICATION |
| 87 | 20/08/14 | 14:54 | 220KV BAWANA-SHALIMARBAGH CKT-I | 20/08/14 | 15:59 | AT BAWANA CKT. TRIPPED ON 186 AT SHALIMARBAGH NO TRIPPING |
| 88 | 22/08/14 | 8:53 | WAZIRPUR 220/33KV 100MVA TX-I | 22/08/14 | 13:02 | TR. TRIPPED ON DIFFERENTIAL R&Y PHASE, 86, A&B PHASE |
| 89 | 22/08/14 | 8:54 | 220KV SHALIMARBAGH-WAZIRPUR CKT-I | 22/08/14 | 15:10 | AT SHALIMARBAGH CKT. TRIPPED ON DIST PROT. PHASE ABC SOTF, 86 AT WAZIRPUR NO TRIPPING, CB MANUALLY MADE OFF. |
| 90 | 22/08/14 | 11:36 | NARELA 66/33KV, 30MVA TX | 22/08/14 | 11:50 | 33KV I/C TRIPPED ON O/C, 67AX |
| 91 | 23/08/14 | 11:45 | NARAINA 33KV 10MVAR CAP. BANK-I | 23/08/14 | 14:50 | CAPACITOR BANK TRIPPED ON 86 |
| 92 | 24/08/14 | 7:10 | 220KV BAWANA-SHALIMARBAGH CKT-II | 24/08/14 | 7:24 | CKT. TRIPPED ON AUTO RE-CLOSE, POLE DISCREPANCY CB PRESSURE LOW, AIR PRESSURE LOW, DIST PROT. |
| 93 | 24/08/14 | 18:48 | 220KV WAZIRABAD - MANDOLA CKT-IV | 24/08/14 | 19:22 | AT WAZIRABAD CKT. TRIPPED ON GEN TRIP, RYB PHASE, START PY&B PHASAE ,ONE-1 AT MANDOLA CKT. TRIPPED ON Y&B PHASE,ZONE-II |
| 94 | 25/08/14 | 9:40 | ROHINI 66/11KV, 20MVA TX-II | 25/08/14 | 11:58 | TR. TRIPPED ON 86, E/F, LV SIDE, DIFFERENTIAL RELAY, 11KV I/C-II ALSO TRIP ON WITHOUT RELAY |
| 95 | 26/08/14 | 9:52 | 220KV OKHLA - BTPS CKT. - II | 26/08/14 | 10:15 | AT OKHLA CKT. TRIPPED ON O/C, R PHASE AT BTPS NO TRIPPING |
| 96 | 27/08/14 | 3:50 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 27/08/14 | 7:50 | TR. TRIPPED ON REF, LV, HV SIDE REF |
| 97 | 27/08/14 | 3:50 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 27/08/14 | 4:10 | 33KV I/C-II TRIPPED WITHOUT INDICATION (LOAD OF BAY NO. 2, 4, 6, 10, 12, 24, 30, 34, 36, 38 &42) WAS AFFECTED. |
| 98 | 27/08/14 | 12:28 | RIDGE VALLEY 220/66KV 160MVA TX-I | 27/08/14 | 13:00 | TR. TRIPPED ON 86A,B |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 99 | 27/08/14 | 12:28 | 220 KV TRAUMA CENTER- RIDGE VALLEY CKT-1 | 27/08/14 | 13:00 | AT RIDGE VALLEY CKT. TRIPPED WITHOUT INDICATION. AT TRAUMA CENTER NO TRIPPING |
| 100 | 28/08/14 | 0:15 | 220KV GAZIPUR - MAHARANIBAGH CKT. -II | 28/08/14 | 0:26 | AT MAHARANIBAGH CKT. TRIPPED ON GEN. TRIP, ZONE-I STARTED, ZONE-3 TRIP, PHT START FUSE FAIL, AT GAZIPUR NO TRIPPING |
| 101 | 28/08/14 | 1:30 | 220KV SARITA VIHAR - BTPS CKT.-I | 28/08/14 | 1:36 | AT BTPS CKT. TRIPPED ON LBB PROT. AT SARITA VIHAR NO TRIPPING |
| 102 | 28/08/14 | 12:13 | 220KVBAWANA- ROHINI CKT-I | 28/08/14 | 12:25 | AT BAWANA CKT. TRIPPED ON B & C ZONE AT ROHINI NO TRIPPING |
| 103 | 28/08/14 | 14:48 | PARKSTREET 220/33KV 100MVA TX-II | 28/08/14 | 15:45 | TR. TRIPPED ON O/C, 86A&B, 51A ALONGWITH 33KV I/C-II ON 51, O/C, 86 TRIPPING RELAY SUPPLY OF 33KV MOTIA KHAN CKT. -I & II AND 33KV SHANKAR ROAD AFFECTED |
| 104 | 28/08/14 | 18:17 | 220KV BAMNAULI- NAJAFGARH CKT-I | 28/08/14 | 18:34 | AT NAJAFGARH CKT. TRIPPED ON 186, 186 AT BAMNAULI NO TRIPPING |
| 105 | 29/08/14 | 9:25 | GAZIPUR 220/66KV 100MVA TX-II | 29/08/14 | 9:45 | TR. TRIPPED WITHOUT INDICATION |
| 106 | 29/08/14 | 10:20 | GAZIPUR 220/66KV 100MVA TX-II | 29/08/14 | 13:40 | TR. TRIPPED WITHOUT INDICATION |
| 107 | 29/08/14 | 19:20 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 29/08/14 | 19:37 | 33KV I/C-II TRIPPED WITHOUT INDICATION |
| 108 | 29/08/14 | 19:20 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 29/08/14 | 19:47 | TR. TRIPPED ON HV, LV, REF , 86 |
| 109 | 29/08/14 | 20:52 | KANJHAWALA 220/66KV 100MVA TX-I | 29/08/14 | 21:26 | TR. TRIPPED ON 86 |
| 110 | 29/08/14 | 20:52 | KANJHAWALA 220/66KV 100MVA TX-II | 29/08/14 | 21:52 | TR. TRIPPED ON 86 |
| 111 | 29/08/14 | 20:52 | 220KV BAWANA - KANJHAWALA CKT-2 | 29/08/14 | 21:52 | AT KHANJAWALA CKT. TRIPPED ON TRIP CKT. HALF CKT .FAULTY AT BAWANA NO TRIPPING |
| 112 | 29/08/14 | 20:52 | 220KV BAWANA - KANJHAWALA CKT | 29/08/14 | 21:26 | AT BAWANA CKT. TRIPPED ON DIST PROT, ZONE-I, DISTANCE 4.52KMS AT KHANJAWANA NO TRIPPING |
| 113 | 29/08/14 | 21:01 | MUNDKA 400/220KV 315MVA ICT-III | 30/08/14 | 1:56 | ICT TRIPPED ALONGWITH CB 41352 |
| 114 | 30/08/14 | 11:40 | GAZIPUR 220/66KV 100MVA TX-II | 30/08/14 | 13:17 | TR. TRIPPED WITHOUT INDICATION, TO AVOID OVERLOADING 66KV KONDLI CKT. MADE OFF AND MADE ON AT AT 11.52HRS. |
| 115 | 30/08/14 | 12:34 | 220KV WAZIRABAD - KASHMEREGATE CKT-I | 30/08/14 | 14:32 | CKT MADE OFF AS IT IS REPORTED THAT A MAN CLIMBED ON TOE TOWER |
| 116 | 30/08/14 | 12:34 | 220KV WAZIRABAD - KASHMEREGATE CKT-II | 30/08/14 | 14:32 | CKT MADE OFF AS IT IS REPORTED THAT A MAN CLIMBED ON TOE TOWER |
| 117 | 30/08/14 | 14:01 | 220KV BAWANA - KANJHAWALA CKT | 30/08/14 | 14:22 | AT BAWANA CKT. TRIPPED ON DISTPROT, , C PHASE ZONE-II AT KHANJAWALA NO TRIPPING CKT. MADE OFF MANUALLY |
| 118 | 30/08/14 | 14:01 | 220KV KANJHAWALA- NAJAFGARH CKT-2 | 30/08/14 | 14:24 | AT KHANJAWALA CKT. TRIPPED ON MAIN I , MAIN -II, RYB PHASE AT NAJAFGARH CKT. TRIPPED ON TRIP PHASE, 186 |
| 119 | 30/08/14 | 14:24 | 220KV GAZIPUR - BTPS CKT | 30/08/14 | 18:02 | AT GAZIPUR CKT. TRIPPED ON DIRECTIONAL O/C, TRIP CKT. FAULTY, 86, VT FUSE FAILURE INDICATION AT BTPS CKT. TIPPED ON Y PHASE, E/F, ZONE-I, DISTANCE 6.6KMS. |
| 120 | 30/08/14 | 15:10 | 220KV GAZIPUR - MAHARANIBAGH CKT. -I | 30/08/14 | 15:13 | AT GAZIPUR CKT. TRIPPED ON DIST PROT, ZONE-I AT MAHARANI BAGH NO TRIPPING |
| 121 | 30/08/14 | 17:01 | GAZIPUR 220/66KV 100MVA TX-II | 30/08/14 | 18:10 | TR. TRIPPED WITHOUT INDICATION |
| 122 | 31/08/14 | 4:02 | NARELA 66/33KV, 30MVA TX | 31/08/14 | 4:09 | 33KV I/C-I TRIPPED ON E/F DUE TO AIR KHAMPUR |
| 123 | 31/08/14 | 15:05 | 220KV GAZIPUR - MAHARANIBAGH CKT. -I | 31/08/14 | 15:15 | AT GAZIPUR CKT. TRIPPE DON POLE DISCRIPENCY AT MAHARANI BAGH NO TRIPPING |

| SLNO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|------|--------------------------|-------|--------------------------------------|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 124 | 31/08/14 | 16:47 | 220KV GAZIPUR - MAHARANIBAGH CKT. -I | 31/08/14 | 17:45 | AT GAZIPUR CKT. TRIPPED WITHOUT INDICATION AT MAHARANIBAGH NO TRIPPING |
| 125 | 31/08/14 | 20:58 | 220KV GAZIPUR - MAHARANIBAGH CKT. -I | 31/08/14 | 21:16 | AT GAZIPUR CKT. TRIPPED WITHOUT INDICATION AT MAHARAIBAGH NO TRIPPING |
| 126 | 31/08/14 | 20:58 | GAZIPUR 220/66KV 100MVA TX-I | 31/08/14 | 21:16 | TR. TRIPPED WITHOUT INDICATION DC LEAKAGE SUSPECTED |
| 127 | 31/08/14 | 20:58 | GAZIPUR 220/66KV 100MVA TX-II | 31/08/14 | 21:16 | TR. TRIPPED WITHOUT INDICATION DC LEAKAGE SUSPECTED |
| 128 | 31/08/14 | 21:55 | GAZIPUR 220/66KV 100MVA TX-II | 01/09/14 | 17:50 | TR. MADE OFF DUE TO PROBLEM AT SUPERVISION RELAY CKT. LEAKAGE |
| 129 | 31/08/14 | 22:56 | 220KV GAZIPUR - MAHARANIBAGH CKT. -I | 01/09/14 | 15:30 | AT GAZIPUR CKT. TRIPPED WITHOUT INDICATION AT MAHARANIBAGH NO TRIPPING |

19.6 DETAILS OF 400/220KV BREAKDOWN/TRIPPINGS OCCURRED IN DTL SYSTEM DURING THE MONTH SEPTEMBER -2014

| SLNO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|------|--------------------------|-------|---|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 1 | 01/09/14 | 12:16 | 400KV MUNDKA-JHATIKARA CKT-II | 01/09/14 | 12:32 | AT MUNDKA NO TRIPPING AT JHATIKRA DIRECT TRIP RECEIVED. |
| 2 | 01/09/14 | 12:42 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 01/09/14 | 12:50 | 33KV I/C-II TRIPPED ON R PHASE, O/C |
| 3 | 01/09/14 | 15:36 | 400KV MUNDKA-JHATIKARA CKT-II | 01/09/14 | 15:55 | AT MUNDKA NO TRIPPING AT JHATIKRA DIRECT TRIP SIGNAL RECEIVED |
| 4 | 01/09/14 | 16:20 | 220KV GAZIPUR - BTPS CKT | 01/09/14 | 16:25 | AT GAZIPUR NO TRIPPING (CVT AVAILABLE) AT BTPS CKT. TRIPPED WITHOUT INDICATION |
| 5 | 01/09/14 | 16:50 | GAZIPUR 220/66KV 100MVA TX-II | 01/09/14 | 18:40 | TR. TRIPPED WITHOUT INDICATION |
| 6 | 02/09/14 | 17:55 | 220KV GAZIPUR - MAHARANIBAGH CKT. -I | 02/09/14 | 18:05 | CKT. TRIPPED DURING PROT. TESTING BY PORT. DEPTT. AT GAZIPUR. |
| 7 | 03/09/14 | 19:13 | VASANT KUNJ 220/66KV 160MVA TX-I | 03/09/14 | 23:15 | TR. TRIPPED ON 30F, PRV TRIP ALONGIWITH 66KV I/C-I INTER TRIPPED |
| 8 | 04/09/14 | 3:20 | INDRAPRASTHA POWER 33KV MINTO ROAD CKT (BAY-34) | 05/09/14 | 2:15 | TRIPPED OFF MANUALLY AS TR.-II TRIPPED WITHOUT INDICATOIN. |
| 9 | 04/09/14 | 3:20 | INDRAPRASTHA POWER 33KV NIRMAN BHAWAN CKT (BAY-2) | 04/09/14 | 3:58 | BAY TRIPPED ALONGWITH 220/33KV 100MVA PR. TR. -II AND ENERGIZED AFTER REPLACEMENT OF CB MECHANISM MOTOR. |
| 10 | 05/09/14 | 11:59 | 220KV SHALIMARBAGH-WAZIRPUR CKT-II | 05/09/14 | 12:21 | AT WAZIRPUR CKT. TRIPPED ON DIST PROT, 86 AT SHALIMARBAGH NO TRIPPING |
| 11 | 05/09/14 | 16:55 | PAPPANKALAN-I 66/11KV, 20MVA TX-I | 05/09/14 | 18:58 | TR. TRIPPED ON OLTC BUCHOLZ |
| 12 | 06/09/14 | 12:30 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 06/09/14 | 15:40 | TR. TRIPPED ON 86 REF ON HV SIDE |
| 13 | 07/09/14 | 12:11 | 220KVBAWANA-ROHINI CKT-I | 08/09/14 | 2:03 | AT ROHINI CKT. TRIPPED ON DIST PROT, B&C PHASE, 186 A& B. AT BAWANA CKT. TRIPPED ON DIST PROT, B&C PHASE. |
| 14 | 07/09/14 | 12:11 | 220KV BAWANA-SHALIMARBAGH CKT-I | 07/09/14 | 16:55 | AT ROHINI CKT. TRIPPED ON 67AX, 186 AT SHALIMARBAGH ALREADY PUT OFF |
| 15 | 07/09/14 | 12:11 | 220KVBAWANA-ROHINI CKT-II | 07/09/14 | 12:41 | AT ROHINI CKT. TRIPPED ON ZONE-I TRIP, ZONE-II TRIP, AT BAWANA NO TRIPPING |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|----------|-----------------------------|-------|---|------------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 16 | 07/09/14 | 12:12 | 220KV KANJHAWALA- NAJAFGARH CKT-2 | 07/09/14 | 12:35 | AT NAJAFGARH CKT. TRIPPED ON 186, 186 AT KHANJAWALA NO TRIPPING |
| 17 | 07/09/14 | 12:12 | 220KV KANJHAWALA- NAJAFGARH CKT | 07/09/14 | 12:35 | AT NAJAFGARH CKT. TRIPPED ON 186, 186 AT KHANJAWALA NO TRIPPING |
| 18 | 07/09/14 | 13:12 | 220KVBAWANA- ROHINI CKT-II | 08/09/14 | 2:02 | AT BAWANA CKT. TRIPPED ON DIST PROT, B PHASE 186 A&B AT ROHINI CKT. TRIPPED ON DIST PROT, B PHASE 186 AT ROHINI -II CKT. TRIPPED ON ZONE-I, ZONE-II |
| 19 | 07/09/14 | 16:34 | PARKSTREET 220/66KV 100MVA TX-I | | | TR. TRIPPED ON ON BUCHOLZ, 86A, DIFFERENTIAL R&B PHASE. TRANSFORMER DAMAGED. |
| 20 | 07/09/14 | 21:30 | PATPARGANJ 220/33KV 100MVA TX-IV | 07/09/14 | 22:20 | 33KV I/C-IV TRIPPED ON E/F |
| 21 | 07/09/14 | 21:30 | PATPARGANJ 220/33KV 100MVA TX-I | 07/09/14 | 22:20 | 33KV I/C-I TRIPPED ON E/F |
| 22 | 08/09/14 | 15:26 | KASHMIRI GATE 33/11KV, 20MVA TX | 08/09/14 | 15:36 | TR. TRIPPED ON 86 |
| 23 | 09/09/14 | 8:57 | 220KV WAZIRABAD- GEETA COLONY CKT-I | 09/09/14 | 9:20 | AT GEETA COLONY CKT. TRIPPED ON DIST PROT, O/C, ZONE-I,ZONE-3,ACTIVE GROUP -I, DISTANCE 4.31KMS AT WAZIRABAD CKT. TRIPPED ON ZONE-I, DIST PROT, DISTANCE 1KM |
| 24 | 09/09/14 | 21:20 | INDRAPRASTHA POWER 33KV MINTO ROAD CKT (BAY-34) | 11/09/14 | 17:25 | BAY TRIPPED WITHOUT INDICATION, SHUTDOWN FOR CHECKING CONTROL CABLE |
| 25 | 09/09/14 | 21:20 | INDRAPRASTHA POWER 33KV ELECTRIC LANE CKT (BAY-10) | 20/09/14 | 18:00 | CKT. TRIPPED WITHOUT INDICATION. CONTROL CABLE PROBLEM. |
| 26 | 10/09/14 | 14:05 | 220KV PRAGATI - SARITA VIHAR CKT | 10/09/14 | 15:13 | AT SARITA VIHAR CB OF CKT. WENT INTO LOCKOUT, AIR PRESSURE LOW, TRIP CKT. LOCKOUT AT PRAGATI CKT. MADE OFF |
| 27 | 11/09/14 | 6:23 | 220KV BAWANA - KANJHAWALA CKT-2 | 11/09/14 | 6:30 | AT KHANJAWALA NO TRIPPING AT BAWANA CKT. TRIPPED ON DIST PROT, ZONE-I, DISTANCE 9.65KMS |
| 28 | 11/09/14 | 6:23 | 220KV BAWANA - NAJAFGARH CKT | 11/09/14 | 6:33 | AT KHANJAWALA SUPPLY FAIL AT NAJAFGARH CKT. TRIPPED ON 186, ABC PHASE |
| 29 | 11/09/14 | 18:45 | GAZIPUR 220/66KV 100MVA TX-I | 11/09/14 | 20:45 | TR. TRIPPED ON BUCHOLZ RELAY |
| 30 | 13/09/14 | 7:44 | ROHINI 220/66KV 100MVA TX-II | 13/09/14 | 7:57 | 66KV I/C-II TRIPPED ON O/C |
| 31 | 13/09/14 | 7:44 | ROHINI 220/66KV 100MVA TX-I | 13/09/14 | 7:57 | 66KV I/C-I TRIPPED ON O/C |
| 32 | 14/09/14 | 6:05 | 220 KV I.P.- RPH CKT-I | 27/09/14 | 19:15 | AT I.P. CKT. TRIPPED ON VT SUPPLY FAIL AT RPH NO TRIPPING. CONTRAL CABLE PROBLEM AT I.P. |
| 33 | 14/09/14 | 17:45 | 220KV BAMNAULI- NARAINA CKT-I | 14/09/14 | 18:22 | AT BAMNAULI CKT. TRIPPED ON 67C, 186A, 186B, WITH HEAVY JERK, CKT. WAS ON NO LOAD AT NARAINA NO TRIPPING |
| 34 | 14/09/14 | 17:47 | 400KV DADRI-HARSH VIHAR CKT-I | 14/09/14 | 20:18 | AT HARSH VIHAR CKT. TRIPPED ON GENERAL TRIP AT DADRI NO TRIPPING |
| 35 | 14/09/14 | 17:47 | HARSH VIHAR 220/66KV 160MVA ICT-1 | 14/09/14 | 20:47 | TR. TRIPPED ON GENERAL TRIP, O/C, E/F |
| 36 | 15/09/14 | 9:45 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 16/09/14 | 12:25 | TR. TRIPPED ON 51B, O/C |
| 37 | 15/09/14 | 11:10 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 15/09/14 | 11:38 | TR. TRIPPED ON E/F, LOAD OF BAY NO. 13, 29, 19 & 17 AFFECTED |
| 38 | 15/09/14 | 11:12 | WAZIRABAD 220/66KV 100MVA TX-I | 15/09/14 | 11:22 | I/C TRIPPED ON O/C, B PHASE |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|---|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 39 | 15/09/14 | 11:12 | WAZIRABAD 220/66KV 100MVA TX-II | 15/09/14 | 11:23 | TR. TRIPPED WITHOUT INDICATION |
| 40 | 15/09/14 | 11:12 | WAZIRABAD 220/66KV 100MVA TX-III | 15/09/14 | 11:23 | TR. TRIPPED WITHOUT INDICATION |
| 41 | 15/09/14 | 11:12 | 220KV WAZIRABAD - MANDOLA CKT-IV | 15/09/14 | 19:40 | CKT. TRIPPED WHILE NORMALIZING THE SHUTDOWN ON SOTF. B PHASE LA DAMAGED AT WAZIRABAD. |
| 42 | 15/09/14 | 18:28 | 220KV KANJHAWALA-NAJAFGARH CKT | 15/09/14 | 19:15 | AT KHANJAWALA CKT. TRIPPED ON AIR PRESSURE LOW AT NAJAFGARH NO TRIPPING CKT. WAS ON NO LOAD |
| 43 | 15/09/14 | 18:30 | RIDGE VALLEY 220/66KV 160MVA TX-I | 15/09/14 | 23:25 | DC LEAKAGE RELAY OPERATED |
| 44 | 15/09/14 | 19:41 | 220KV KANJHAWALA-NAJAFGARH CKT-2 | 15/09/14 | 19:47 | AT KHANJAWALA CKT. TRIPPED ON DIST PROT, AT NAJAFGARH NO TRIPPING |
| 45 | 16/09/14 | 13:04 | 220KV MAHARANI BAGH - LODHI ROAD CKT-II | 16/09/14 | 13:20 | AT MAHARANI BAGH CKT. TRIPPED ON MAIN-2, ZONE-I, UNDER VOLTAGE, AT LODHI ROAD NO TRIPPING |
| 46 | 16/09/14 | 13:05 | RIDGE VALLEY 220/66KV 160MVA TX-II | 16/09/14 | 14:50 | TR. TRIPPED ON E/F, GEN TRIP, 86A&B, |
| 47 | 16/09/14 | 13:20 | 220KV DIAL-MEHRAULI CKT-II | 16/09/14 | 14:15 | AT DIAL CKT TRIPPED ON MAIN-II, B PHASE TRIP, PROT TRIP, ZONE-I AT MEHRAULI CKT. TRIPPED ON ACTIVE GROUP -I, TRIP PHASE ABC, DIST. PROT, DISTANCE 7.562KMS. |
| 48 | 16/09/14 | 15:23 | HARSH VIHAR 220/66KV 160MVA ICT-1 | 16/09/14 | 18:31 | TR. TRIPPED WITHOUT INDICATION ALONGWITH I/C TRIPPED ON 86 |
| 49 | 16/09/14 | 15:23 | HARSH VIHAR 400/220KV 315MVA ICT-I | 16/09/14 | 16:27 | ICT TRIPPED ON 86 OPERATED AND CB TROUBLE ALARM |
| 50 | 16/09/14 | 15:23 | HARSH VIHAR 400/220KV 315MVA ICT-II | 16/09/14 | 16:27 | ICT TRIPPED ON 86 OPERATED AND CB TROUBLE ALARM |
| 51 | 16/09/14 | 15:48 | PATPARGANJ 33/11KV, 16MVA TX | 16/09/14 | 17:24 | TR. TRIPPED ON BUCHOLZ |
| 52 | 17/09/14 | 7:50 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 17/09/14 | 8:10 | TR. TRIPPED WITHOUT INDICATION |
| 53 | 17/09/14 | 8:23 | 220 KV PATPARGANJ - I.P. CKT-II | 17/09/14 | 18:02 | CKT. MADE OFF DUE TO HUMMING NOISE IN ALL PHASE CTS. |
| 54 | 17/09/14 | 12:05 | 220KV SHALIMARBAGH-WAZIRPUR CKT-I | 17/09/14 | 13:24 | AT WAZIRPUR CKT. TRIPPED ON REL, 670, REL 860C AT SHALIMARBAGH NO TRIPPING |
| 55 | 17/09/14 | 12:05 | 220KV SHALIMARBAGH-WAZIRPUR CKT-II | 17/09/14 | 13:34 | AT WAZIRPUR CKT. TRIPPED ON REL AT SHALIMARBAGH NO TRIPPING |
| 56 | 17/09/14 | 15:33 | 220KV GAZIPUR - BTPS CKT | | | AT BTPS CKT. TRIPPED ON DIST PROT, ZONE-I, Y PHASE, DISTANCE 10.2KMS AT GAZIPUR SAME INDICATION (CABLE FAULTY) |
| 57 | 18/09/14 | 12:23 | 220KVBAWANA-ROHINI CKT-II | 18/09/14 | 13:39 | AT BAWANA CKT TRIPPED ON DIST PROT, A PHASE AT ROHINI-II CKT. TRIPPED ON ZONE-I, ZONE-II, SOTF, R PHASE FAULT AT ROHINI -I SUPPLY FAIL ONLY |
| 58 | 18/09/14 | 16:04 | 220KV PRAGATI - SARITA VIHAR CKT-II | 18/09/14 | 18:49 | AT PRAGATI CKT TRIPPED ON ACTIVE GROUP -I, TRIP ABC, ZONE-I, FAULT LOCATION 0.0KM, 186, 186 AT SARITA VIHAR ABC, ZONE-II, DISTANCE 9.793KMS, 186X, DIST PROT, TRIP CKT. FAULTY, AT BTPS HEAVY JERK OBSERVED |
| 59 | 19/09/14 | 6:50 | 220 KV PATPARGANJ - I.P. CKT-I | 19/09/14 | 10:18 | AT I.P. CKT. TRIPPED WITHOUT INDICATION AT PATPARGANJ NO TRIPPING |
| 60 | 20/09/14 | 16:05 | GAZIPUR 220/66KV 100MVA TX-II | 20/09/14 | 16:15 | 66KV I/C-II TRIPPED ON E/F, 86 |

| SLNO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|------|--------------------------|-------|--|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 61 | 21/09/14 | 4:30 | RIDGE VALLEY 220/66KV 160MVA TX-I | 21/09/14 | 5:20 | TR. TRIPPED ON 86 |
| 62 | 21/09/14 | 4:30 | RIDGE VALLEY 220/66KV 160MVA TX-II | 21/09/14 | 5:37 | TR. TRIPPED ON E/F, 86 |
| 63 | 21/09/14 | 13:33 | 220KV BAMNAULI-PAPPANKALAN-II CKT-II | 21/09/14 | 18:27 | AT BAMNAULI CKT. TRIPPED ON DIST PRO, 186 A&B AT PAPAN KALAN -II B PHASE LA OF 220KV SIDE BUSTED AND SUPPLY FAILED. |
| 64 | 21/09/14 | 14:12 | PAPPANKALAN-II 220/66KV 100MVA TX-II | 21/09/14 | 14:26 | TR. TRIPPED ON O/C, 86 AND I/C TRIPPED ON 86 |
| 65 | 21/09/14 | 15:02 | PAPPANKALAN-II 220/66KV 160MVA TX-I | 21/09/14 | 15:04 | TR. TRIPPED ON O/C, E/F, 86 BUT ITS I/C DID NOT TRIP. |
| 66 | 21/09/14 | 15:02 | PAPPANKALAN-II 220/66KV 100MVA TX-II | 21/09/14 | 15:04 | TR. AND I/C TRIPPED ON 86, O/C, E/F |
| 67 | 22/09/14 | 7:24 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 22/09/14 | 15:10 | TR. TRIPPED WITHOUT INDICATION DUE TO CONTROL CABLE THEFT. |
| 68 | 22/09/14 | 7:24 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 22/09/14 | 11:35 | TR. TRIPPED WITHOUT INDICATION DUE TO CONTROL CABLE THEFT. |
| 69 | 22/09/14 | 7:24 | 220 KV PATPARGANJ - I.P. CKT-I | 23/09/14 | 18:07 | AT CKT. TRIPPED AS ROBBERY OF CONTROL CABLE CARRIED OUT BY AS UNKNOWN PERSONS. |
| 70 | 23/09/14 | 5:39 | 220KV BAWANA - KANJHAWALA CKT-2 | 23/09/14 | 5:57 | AT BAWANA CKT. TRIPPED ON DISTANCE PROT, ZONE-I, B PHASE, DISTANCE 5.78KMS. AT KHANJAWALA CKT. TRIPPED ON DISTANCE PROT, Y PHASE, AT NAJAFGARH SUPPLY FAILED. |
| 71 | 23/09/14 | 15:00 | GAZIPUR 220/66KV 100MVA TX-I | 23/09/14 | 15:20 | TR. TRIPPED WITHOUT INDICATION |
| 72 | 24/09/14 | 6:45 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 24/09/14 | 6:58 | TR. TRIPPED WITHOUT INDICATION |
| 73 | 24/09/14 | 9:08 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 24/09/14 | 12:20 | TR. TRIPPED ON REF |
| 74 | 24/09/14 | 12:10 | 220KV MEHRAULI - BTPS CKT. - II | 24/09/14 | 12:36 | AT SARTA VIHAR CKT. TRIPPED ON 186 A, B, ZONE-I, DISTANCE 12.53KMS. AT BTPS CKT. TRIPPED ON ZONE-I, DISTANCE 4.2KMS, R PHASE, Y PHASE, DIST PROT. |
| 75 | 25/09/14 | 7:15 | INDRAPRASTHA POWER 33KV ELECTRIC LANE CKT (BAY-10) | 25/09/14 | 14:10 | BAY NO 10 TRIPPED WITHOUT INDICATION DUE TO CONTROL CABLE PROBLEM. |
| 76 | 25/09/14 | 12:48 | 220KV GOPALPUR-SUBZI MANDI CKT-II | 25/09/14 | 17:24 | AT GOPALPUR CKT. TRIPPED ON POLE DISCREPANCY AT SUBZI MANDI NO TRIPPING |
| 77 | 25/09/14 | 20:35 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 25/09/14 | 20:48 | TR. TRIPPED WITHOUT INDICATION |
| 78 | 25/09/14 | 20:35 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 25/09/14 | 21:15 | TR. TRIPPED ON 86 REF FROM HV SIDE AND I/C ALSO TRIPPED WITHOUT INDICATION |
| 79 | 26/09/14 | 13:55 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 27/09/14 | 11:10 | 33KV I/C-II TRIPPED WITHOUT INDICATION |
| 80 | 26/09/14 | 14:05 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 28/09/14 | 15:05 | TR. TRIPPED ON O/C RELAY DUE TO CONTROL CABLE PROBLEM. |
| 81 | 27/09/14 | 9:18 | MUNDKA 220/66KV 160MVA TX-II | 27/09/14 | 15:24 | TR. TRIPPED ON DIFFERENTIAL B PHASE. |
| 82 | 28/09/14 | 13:40 | 220KV GEETA COLONY-PATPARGANJ CKT -II | 28/09/14 | 15:50 | AT GEETA COLONY CKT. TRIPPED ON DIST PROT, ZONE-I, DIST. 2.439KM, ABC PHASE AT GEETA COLONY CKT. TRIPPED ON ZONE-I, DIST PROT, DISTANCE 2.290KMS. |

| SLNO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|------|--------------------------|-------|---|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 83 | 28/09/14 | 14:20 | OKHLA 220/33KV 100MVA TX-IV | 28/09/14 | 14:57 | FLASH REPORTED ON R PHASE LINE ISOLATOR OF 33KV I/C-IV, 100MVA -IV MADE OFF |
| 84 | 28/09/14 | 19:32 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 28/09/14 | 22:22 | TR. TRIPPED ON REF HV SIDE 33KV I/C-I TRIPPED ALONG WITH BAY NO. 13 (NIZAMUDDIN) ON E/F & BAY NO. 19 (G.B.PANT) ON E/F |
| 85 | 29/09/14 | 12:57 | NARAINA 220/33KV 100MVA TX-II | 29/09/14 | 18:14 | I/C-II TRIPED ON O/C B PHASE |
| 86 | 29/09/14 | 12:57 | 220KV NARAINA- RIDGE VALLEY CKT-I | 29/09/14 | 18:14 | AT NARAINA CKT. TRIPPED ON O/C R PHASE AT RIDGE VALLY NO TRIPPING |
| 87 | 29/09/14 | 14:26 | OKHLA 33KV TUGLAKABAD CKT | 29/09/14 | 16:03 | CKT. PUT OFF AS SPARKING OBSERVED IN BREAKER |
| 88 | 30/09/14 | 15:07 | 220KV BAMNAULI- PAPPANKALAN-I CKT-I | 30/09/14 | 15:28 | AT BAMNAULI CKT. TRIPPED ON DIST PROT. ZONE-II, C PHASE, 186A&B AT PAPANKALAN-I NO TRIPPING |
| 89 | 01/09/14 | 15:36 | 400KV MUNDKA- JHATIKARA CKT-II | 01/09/14 | 15:55 | AT MUNDKA NO TRIPPING AT JHATIKRA DIRECT TRIP SIGNAL RECEIVED |
| 90 | 01/09/14 | 16:20 | 220KV GAZIPUR - BTPS CKT | 01/09/14 | 16:25 | AT GAZIPUR NO TRIPPING (CVT AVAILABLE) AT BTPS CKT. TRIPPED WITHOUT INDICATION |
| 91 | 01/09/14 | 16:50 | GAZIPUR 220/66KV 100MVA TX-II | 01/09/14 | 18:40 | TR. TRIPPED WITHOUT INDICATION |
| 92 | 02/09/14 | 17:55 | 220KV GAZIPUR - MAHARANIBAGH CKT. -I | 02/09/14 | 18:05 | CKT. TRIPPED DURING PROT. TESTING BY PORT. DEPTT. AT GAZIPUR. |
| 7 | 03/09/14 | 19:13 | VASANT KUNJ 220/66KV 160MVA TX-I | 03/09/14 | 23:15 | TR. TRIPPED ON 30F, PRV TRIP ALONGIWITH 66KV I/C-I INTER TRIPPED |
| 8 | 04/09/14 | 3:20 | INDRAPRASTHA POWER 33KV MINTO ROAD CKT (BAY-34) | 05/09/14 | 2:15 | TRIPPED OFF MANUALLY AS TR-II TRIPPED WITHOUT INDICATOIN. |
| 9 | 04/09/14 | 3:20 | INDRAPRASTHA POWER 33KV NIRMAN BHAWAN CKT (BAY-2) | 04/09/14 | 3:58 | BAY TRIPPED ALONGWITH 220/33KV 100MVA PR. TR. -II AND ENERGIZED AFTER REPLACEMENT OF CB MECHANISM MOTOR. |
| 10 | 05/09/14 | 11:59 | 220KV SHALIMARBAGH- WAZIRPUR CKT-II | 05/09/14 | 12:21 | AT WAZIRPUR CKT. TRIPPED ON DIST PROT, 86 AT SHALIMARBAGH NO TRIPPING |
| 11 | 05/09/14 | 16:55 | PAPPANKALAN-I 66/11KV, 20MVA TX-I | 05/09/14 | 18:58 | TR. TRIPPED ON OLTC BUCHOLZ |
| 12 | 06/09/14 | 12:30 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 06/09/14 | 15:40 | TR. TRIPPED ON 86 REF ON HV SIDE |
| 13 | 07/09/14 | 12:11 | 220KVBAWANA- ROHINI CKT-I | 08/09/14 | 2:03 | AT ROHINI CKT. TRIPPED ON DIST PROT, B&C PHASE, 186 A& B. AT BAWANA CKT. TRIPPED ON DIST PROT, B&C PHASE. |
| 14 | 07/09/14 | 12:11 | 220KV BAWANA- SHALIMARBAGH CKT-I | 07/09/14 | 16:55 | AT ROHINI CKT. TRIPPED ON 67AX, 186 AT SHALIMARBAGH ALREADY PUT OFF |
| 15 | 07/09/14 | 12:11 | 220KVBAWANA- ROHINI CKT-II | 07/09/14 | 12:41 | AT ROHINI CKT. TRIPPED ON ZONE-I TRIP, ZONE-II TRIP, AT BAWANA NO TRIPPING |
| 16 | 07/09/14 | 12:12 | 220KV KANJHAWALA- NAJAFGARH CKT-2 | 07/09/14 | 12:35 | AT NAJAFGARH CKT. TRIPPED ON 186, 186 AT KHANJAWALA NO TRIPPING |
| 17 | 07/09/14 | 12:12 | 220KV KANJHAWALA- NAJAFGARH CKT | 07/09/14 | 12:35 | AT NAJAFGARH CKT. TRIPPED ON 186, 186 AT KHANJAWALA NO TRIPPING |
| 18 | 07/09/14 | 13:12 | 220KVBAWANA- ROHINI CKT-II | 08/09/14 | 2:02 | AT BAWANA CKT. TRIPPED ON DIST PROT, B PH. 186 A&B AT ROHINI CKT. TRIPPED ON DIST PROT, B PH 186 AT ROHINI-II CKT. TRIPPED ON ZONE-I&II |
| 19 | 07/09/14 | 21:30 | PATPARGANJ 220/33KV 100MVA TX-IV | 07/09/14 | 22:20 | 33KV I/C-IV TRIPPED ON E/F |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 20 | 07/09/14 | 21:30 | PATPARGANJ 220/33KV 100MVA TX-I | 07/09/14 | 22:20 | 33KV I/C-I TRIPPED ON E/F |
| 21 | 08/09/14 | 15:26 | KASHMIRI GATE 33/11KV, 20MVA TX | 08/09/14 | 15:36 | TR. TRIPPED ON 86 |
| 22 | 09/09/14 | 8:57 | 220KV WAZIRABAD-GEETA COLONY CKT-I | 09/09/14 | 9:20 | AT GEETA COLONY CKT. TRIPPED ON DIST PROT, O/C, ZONE-I,ZONE-3,ACTIVE GROUP -I, DISTANCE 4.31KMS AT WAZIRABAD CKT. TRIPPED ON ZONE-I, DIST PROT, DISTANCE 1KM |
| 23 | 09/09/14 | 21:20 | INDRAPRASTHA POWER 33KV MINTO ROAD CKT (BAY-34) | 11/09/14 | 17:25 | BAY TRIPPED WITHOUT INDICATION, SHUTDOWN FOR CHECKING CONTROL CABLE |
| 24 | 09/09/14 | 21:20 | INDRAPRASTHA POWER 33KV ELECTRIC LANE CKT (BAY-10) | 20/09/14 | 18:00 | CKT. TRIPPED WITHOUT INDICATION. CONTROL CABLE PROBLEM. |
| 25 | 10/09/14 | 14:05 | 220KV PRAGATI - SARITA VIHAR CKT | 10/09/14 | 15:13 | AT SARITA VIHAR CB OF CKT. WENT INTO LOCKOUT, AIR PRESSURE LOW, TRIP CKT. LOCKOUT AT PRAGATI CKT. MADE OFF |
| 26 | 11/09/14 | 6:23 | 220KV BAWANA - KANJHAWALA CKT-2 | 11/09/14 | 6:30 | AT KHANJAWALA NO TRIPPING AT BAWANA CKT. TRIPPED ON DIST PROT, ZONE-I, DISTANCE 9.65KMS |
| 27 | 11/09/14 | 6:23 | 220KV BAWANA - NAJAFGARH CKT | 11/09/14 | 6:33 | AT KHANJAWALA SUPPLY FAIL AT NAJAFGARH CKT. TRIPPED ON 186, ABC PHASE |
| 28 | 11/09/14 | 18:45 | GAZIPUR 220/66KV 100MVA TX-I | 11/09/14 | 20:45 | TR. TRIPPED ON BUCHOLZ RELAY |
| 29 | 13/09/14 | 7:44 | ROHINI 220/66KV 100MVA TX-II | 13/09/14 | 7:57 | 66KV I/C-II TRIPPED ON O/C |
| 30 | 13/09/14 | 7:44 | ROHINI 220/66KV 100MVA TX-I | 13/09/14 | 7:57 | 66KV I/C-I TRIPPED ON O/C |
| 31 | 14/09/14 | 6:05 | 220 KV I.P. - RPH CKT-I | 27/09/14 | 19:15 | AT I.P. CKT. TRIPPED ON VT SUPPLY FAIL AT RPH NO TRIPPING. CONTRAL CABLE PROBLEM AT I.P. |
| 32 | 14/09/14 | 17:45 | 220KV BAMNAULI-NARAINA CKT-I | 14/09/14 | 18:22 | AT BAMNAULI CKT. TRIPPED ON 67C, 186A, 186B, WITH HEAVY JERK, CKT. WAS ON NO LOAD AT NARAINA NO TRIPPING |
| 33 | 14/09/14 | 17:47 | 400KV DADRI-HARSH VIHAR CKT-I | 14/09/14 | 20:18 | AT HARSH VIHAR CKT. TRIPPED ON GENERAL TRIP AT DADRI NO TRIPPING |
| 34 | 14/09/14 | 17:47 | HARSH VIHAR 220/66KV 160MVA ICT-1 | 14/09/14 | 20:47 | TR. TRIPPED ON GENERAL TRIP, O/C, E/F |
| 35 | 15/09/14 | 9:45 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 16/09/14 | 12:25 | TR. TRIPPED ON 51B, O/C |
| 36 | 15/09/14 | 11:10 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 15/09/14 | 11:38 | TR. TRIPPED ON E/F, LOAD OF BAY NO. 13, 29, 19 & 17 AFFECTED |
| 37 | 15/09/14 | 11:12 | WAZIRABAD 220/66KV 100MVA TX-I | 15/09/14 | 11:22 | I/C TRIPPED ON O/C, B PHASE |
| 38 | 15/09/14 | 11:12 | WAZIRABAD 220/66KV 100MVA TX-II | 15/09/14 | 11:23 | TR. TRIPPED WITHOUT INDICATION |
| 39 | 15/09/14 | 11:12 | WAZIRABAD 220/66KV 100MVA TX-III | 15/09/14 | 11:23 | TR. TRIPPED WITHOUT INDICATION |
| 40 | 15/09/14 | 11:12 | 220KV WAZIRABAD - MANDOLA CKT-IV | 15/09/14 | 19:40 | CKT. TRIPPED WHILE NORMALIZING THE SHUTDOWN ON SOTF. B PHASE LA DAMAGED AT WAZIRABAD. |
| 41 | 15/09/14 | 18:28 | 220KV KANJHAWALA-NAJAFGARH CKT | 15/09/14 | 19:15 | AT KHANJAWALA CKT. TRIPPED ON AIR PRESSURE LOW AT NAJAFGARH NO TRIPPING CKT. WAS ON NO LOAD |
| 42 | 15/09/14 | 18:30 | RIDGE VALLEY 220/66KV 160MVA TX-I | 15/09/14 | 23:25 | DC LEAKAGE RELAY OPERATED |
| 43 | 15/09/14 | 19:41 | 220KV KANJHAWALA-NAJAFGARH CKT-2 | 15/09/14 | 19:47 | AT KHANJAWALA CKT. TRIPPED ON DIST PROT, AT NAJAFGARH NO TRIPPING |
| 44 | 16/09/14 | 13:04 | 220KV MAHARANI BAGH - LODHI ROAD CKT-II | 16/09/14 | 13:20 | AT MAHARANI BAGH CKT. TRIPPED ON MAIN-2, ZONE-I, UNDER VOLTAGE, AT LODHI ROAD NO TRIPPING |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 45 | 16/09/14 | 13:05 | RIDGE VALLEY 220/66KV 160MVA TX-II | 16/09/14 | 14:50 | TR. TRIPPED ON E/F, GEN TRIP, 86A&B, |
| 46 | 16/09/14 | 13:20 | 220KV DIAL-MEHRAULI CKT-II | 16/09/14 | 14:15 | AT DIAL CKT TRIPPED ON MAIN-II, B PHASE TRIP, PROT TRIP, ZONE-I AT MEHRAULI CKT. TRIPPED ON ACTIVE GROUP -I, TRIP PHASE ABC, DIST. PROT, DISTANCE 7.562KMS. |
| 47 | 16/09/14 | 15:23 | HARSH VIHAR 220/66KV 160MVA ICT-1 | 16/09/14 | 18:31 | TR. TRIPPED WITHOUT INDICATION ALONGWITH I/C TRIPPED ON 86 |
| 48 | 16/09/14 | 15:23 | HARSH VIHAR 400/220KV 315MVA ICT-I | 16/09/14 | 16:27 | ICT TRIPPED ON 86 OPERATED AND CB TROUBLE ALARM |
| 49 | 16/09/14 | 15:23 | HARSH VIHAR 400/220KV 315MVA ICT-II | 16/09/14 | 16:27 | ICT TRIPPED ON 86 OPERATED AND CB TROUBLE ALARM |
| 50 | 16/09/14 | 15:48 | PATPARGANJ 33/11KV, 16MVA TX | 16/09/14 | 17:24 | TR. TRIPPED ON BUCHOLZ |
| 51 | 17/09/14 | 7:50 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 17/09/14 | 8:10 | TR. TRIPPED WITHOUT INDICATION |
| 52 | 17/09/14 | 8:23 | 220 KV PATPARGANJ - I.P. CKT-II | 17/09/14 | 18:02 | CKT. MADE OFF DUE TO HUMMING NOISE IN ALL PHASE CTS. |
| 53 | 17/09/14 | 12:05 | 220KV SHALIMARBAGH-WAZIRPUR CKT-I | 17/09/14 | 13:24 | AT WAZIRPUR CKT. TRIPPED ON REL, 670, REL 860C AT SHALIMARBAGH NO TRIPPING |
| 54 | 17/09/14 | 12:05 | 220KV SHALIMARBAGH-WAZIRPUR CKT-II | 17/09/14 | 13:34 | AT WAZIRPUR CKT. TRIPPED ON REL AT SHALIMARBAGH NO TRIPPING |
| 55 | 18/09/14 | 12:23 | 220KVBAWANA-ROHINI CKT-II | 18/09/14 | 13:39 | AT BAWANA CKT TRIPPED ON DIST PROT, A PHASE AT ROHINI-II CKT. TRIPPED ON ZONE-I, ZONE-II, SOTF, R PHASE FAULT AT ROHINI -I SUPPLY FAIL ONLY |
| 56 | 18/09/14 | 16:04 | 220KV PRAGATI - SARITA VIHAR CKT-II | 18/09/14 | 18:49 | AT PRAGATI CKT TRIPPED ON ACTIVE GROUP -I, TRIP ABC, ZONE-I, FAULT LOCATION 0.0KM, 186, 186 AT SARITA VIHAR ABC, ZONE-II, DISTANCE 9.793KMS, 186X, DIST PROT, TRIP CKT. FAULTY, AT BTPS HEAVY JERK OBSERVED |
| 57 | 19/09/14 | 6:50 | 220 KV PATPARGANJ - I.P. CKT-I | 19/09/14 | 10:18 | AT I.P. CKT. TRIPPED WITHOUT INDICATION AT PATPARGANJ NO TRIPPING |
| 58 | 20/09/14 | 16:05 | GAZIPUR 220/66KV 100MVA TX-II | 20/09/14 | 16:15 | 66KV I/C-II TRIPPED ON E/F, 86 |
| 59 | 21/09/14 | 4:30 | RIDGE VALLEY 220/66KV 160MVA TX-I | 21/09/14 | 5:20 | TR. TRIPPED ON 86 |
| 60 | 21/09/14 | 4:30 | RIDGE VALLEY 220/66KV 160MVA TX-II | 21/09/14 | 5:37 | TR. TRIPPED ON E/F, 86 |
| 61 | 21/09/14 | 13:33 | 220KV BAMNAULI-PAPPANKALAN-II CKT-II | 21/09/14 | 18:27 | AT BAMNAULI CKT. TRIPPED ON DIST PRO, 186 A&B AT PAPANALAN -II B PHASE LA OF 220KV SIDE BUSTED AND SUPPLY FAILED. |
| 62 | 21/09/14 | 14:12 | PAPPANKALAN-II 220/66KV 100MVA TX-II | 21/09/14 | 14:26 | TR. TRIPPED ON O/C, 86 AND I/C TRIPPED ON 86 |
| 63 | 21/09/14 | 15:02 | PAPPANKALAN-II 220/66KV 160MVA TX-I | 21/09/14 | 15:04 | TR. TRIPPED ON O/C, E/F, 86 BUT ITS I/C DID NOT TRIP. |
| 64 | 21/09/14 | 15:02 | PAPPANKALAN-II 220/66KV 100MVA TX-II | 21/09/14 | 15:04 | TR. AND I/C TRIPPED ON 86, O/C, E/F |
| 65 | 22/09/14 | 7:24 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 22/09/14 | 15:10 | TR. TRIPPED WITHOUT INDICATION DUE TO CONTROL CABLE THEFT. |
| 66 | 22/09/14 | 7:24 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 22/09/14 | 11:35 | TR. TRIPPED WITHOUT INDICATION DUE TO CONTROL CABLE THEFT. |

| SLNO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|------|--------------------------|-------|--|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 67 | 22/09/14 | 7:24 | 220 KV PATPARGANJ - I.P. CKT-I | 23/09/14 | 18:07 | AT CKT. TRIPPED AS ROBBERY OF CONTROL CABLE CARRIED OUT BY AS UNKNOWN PERSONS. |
| 68 | 23/09/14 | 5:39 | 220KV BAWANA - KANJHAWALA CKT-2 | 23/09/14 | 5:57 | AT BAWANA CKT. TRIPPED ON DISTANCE PROT, ZONE-I, B PHASE, DISTANCE 5.78KMS. AT KHANJAWALA CKT. TRIPPED ON DISTANCE PROT, Y PHASE, AT NAJAFGARH SUPPLY FAILED. |
| 69 | 23/09/14 | 15:00 | GAZIPUR 220/66KV 100MVA TX-I | 23/09/14 | 15:20 | TR. TRIPPED WITHOUT INDICATION |
| 70 | 24/09/14 | 6:45 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 24/09/14 | 6:58 | TR. TRIPPED WITHOUT INDICATION |
| 71 | 24/09/14 | 9:08 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 24/09/14 | 12:20 | TR. TRIPPED ON REF |
| 72 | 24/09/14 | 12:10 | 220KV MEHRAULI - BTPS CKT. - II | 24/09/14 | 12:36 | AT SARTA VIHAR CKT. TRIPPED ON 186 A, B, ZONE-I, DISTANCE 12.53KMS. AT BTPS CKT. TRIPPED ON ZONE-I, DISTANCE 4.2KMS, R PHASE , Y PHASE, DIST PROT. |
| 73 | 25/09/14 | 7:15 | INDRAPRASTHA POWER 33KV ELECTRIC LANE CKT (BAY-10) | 25/09/14 | 14:10 | BAY NO 10 TRIPPED WITHOUT INDICATION DUE TO CONTROL CABLE PROBLEM. |
| 74 | 25/09/14 | 12:48 | 220KV GOPALPUR-SUBZI MANDI CKT-II | 25/09/14 | 17:24 | AT GOPALPUR CKT. TRIPPED ON POLE DISCREPANCY AT SUBZI MANDI NO TRIPPING |
| 75 | 25/09/14 | 20:35 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 25/09/14 | 20:48 | TR. TRIPPED WITHOUT INDICATION |
| 76 | 25/09/14 | 20:35 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 25/09/14 | 21:15 | TR. TRIPPED ON 86 REF FROM HV SIDE AND I/C ALSO TRIPPED WITHOUT INDICATION |
| 77 | 26/09/14 | 13:55 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 27/09/14 | 11:10 | 33KV I/C-II TRIPPED WITHOUT INDICATION |
| 78 | 26/09/14 | 14:05 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 28/09/14 | 15:05 | TR. TRIPPED ON O/C RELAY DUE TO CONTROL CABLE PROBLEM. |
| 79 | 27/09/14 | 9:18 | MUNDKA 220/66KV 160MVA TX-II | 27/09/14 | 15:24 | TR. TRIPPED ON DIFFERENTIAL B PHASE. |
| 80 | 28/09/14 | 13:40 | 220KV GEETA COLONY- PATPARGANJ CKT -II | 28/09/14 | 15:50 | AT GEETA COLONY CKT. TRIPPED ON DIST PROT, ZONE-I, DIST. 2.439KM, ABC PHASE AT GEETA COLONY CKT. TRIPPED ON ZONE-I, DIST PROT, DISTANCE 2.290KMS. |
| 81 | 28/09/14 | 14:20 | OKHLA 220/33KV 100MVA TX-IV | 28/09/14 | 14:57 | FLASH REPORTED ON R PHASE LINE ISOLATOR OF 33KV I/C-IV, 100MVA -IV MADE OFF |
| 82 | 28/09/14 | 19:32 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 28/09/14 | 22:22 | TR. TRIPPED ON REF HV SIDE 33KV I/C-I TRIPPED ALONG WITH BAY NO. 13 (NIZAMUDDIN) ON E/F & BAY NO. 19 (G.B.PANT) ON E/F |
| 83 | 29/09/14 | 12:57 | NARAINA 220/33KV 100MVA TX-II | 29/09/14 | 18:14 | I/C-II TRIPED ON O/C B PHASE |
| 84 | 29/09/14 | 12:57 | 220KV NARAINA-RIDGE VALLEY CKT-I | 29/09/14 | 18:14 | AT NARAINA CKT. TRIPPED ON O/C R PHASE AT RIDGE VALLY NO TRIPPING |
| 85 | 29/09/14 | 14:26 | OKHLA 33KV TUGLAKABAD CKT | 29/09/14 | 16:03 | CKT. PUT OFF AS SPARKING OBSERVED IN BREAKER |
| 86 | 30/09/14 | 15:07 | 220KV BAMNAULI-PAPPANKALAN-I CKT-I | 30/09/14 | 15:28 | AT BAMNAULI CKT. TRIPPED ON DIST PROT. ZONE-II, C PHASE, 186A&B AT PAPANALAN-I NO TRIPPING |

19.7 DETAILS OF 400/220KV BREAKDOWN/TRIPPINGS OCCURRED IN DTL SYSTEM DURING THE MONTH OCTOBER -2014

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 1 | 01/10/14 | 13:40 | 220KV BAWANA - KANJHAWALA CKT-2 | 01/10/14 | 14:05 | AT BAWANA CKT. TRIPPED ON DIST PROT, ZONE-II, GROUP -I, DISTANCE 9.59KMS AT KHANJAWALA BUS COUPLER TRIPPED ON E/F, ONLY SUPPLY FAILED. |
| 2 | 01/10/14 | 14:57 | 220KV BAMNAULI-NAJAFGARH CKT-II | 01/10/14 | 15:15 | AT NAJAFGARH CKT. TRIPPED ON DIST. PROT, C PHASE, 186 AT BAMNAULI CKT. TRIPPED ON DIST PROT, C & B PHASE, 186. |
| 3 | 02/10/14 | 5:30 | OKHLA 33KV ALAKNANDA CKT-II | 02/10/14 | 9:10 | CKT TRIPPED WITHOUT INDICATION, GAS PRESSURE REPORTED LOW. |
| 4 | 02/10/14 | 11:45 | 220KV WAZIRABAD - MANDOLA CKT-III | 02/10/14 | 12:04 | AT WAZIRABAD CKT. TRIPPED ON DIST PROT, R,Y,B PHASAE ZONE-I AT MANDOLA CKT. TRIPPED ON DIST PROT, DISTANCE 18.32KM, ZONE-2. |
| 5 | 03/10/14 | 14:19 | 220KV BAMNAULI-PAPPANKALAN-I CKT-I | 03/10/14 | 14:27 | AT BAMNAULI CKT TRIPPED ON DIST PROT, ZONE-II, C PHASE AT PAPANKALAN NO TRIPPING. |
| 6 | 03/10/14 | 14:19 | 220KV BAMNAULI-PAPPANKALAN-I CKT-II | 03/10/14 | 14:27 | AT BAMNAULI CKT TRIPPED ON DIST PROT, ZONE-II, C PHASE AT PAPANKALAN NO TRIPPING. |
| 7 | 05/10/14 | 14:04 | 220KV BAMNAULI-PAPPANKALAN-I CKT-I | 05/10/14 | 14:11 | AT PAPANKALAN -I CKT. TRIPPED WITHOUT INDICATION, CVT AVAILABLE AT BAMNAULI NO TRIPPING. |
| 8 | 06/10/14 | 13:42 | 220KV BAMNAULI - DIAL CKT-II | 06/10/14 | 14:09 | AT DIAL CKT. TRIPPED ON ZONE-I, B PHASE, GEN TRIP AT BAMNAULI CKT. TRIPPED ON DIST PROT, C PHASE, 186 A & B. |
| 9 | 06/10/14 | 13:44 | 220KV BAMNAULI-PAPPANKALAN-I CKT-I | 06/10/14 | 13:49 | AT PAPANKALAN-I CKT. TRIPPED ON DIST PROT. PHASE C, 186A, 86B, 86C AT BAMNAULI NO TRIPPING. |
| 10 | 07/10/14 | 14:48 | 220KV BAWANA - KANJHAWALA CKT | 07/10/14 | 18:02 | AT KHANJAWALA BUS COUPLER TRIPPED ON E/F, O/C AT AT BAWANA CKT. TRIPPED ON 86, A/R, DIST. PROT, ZONE-II, DISTANCE 16.2KMS. |
| 11 | 08/10/14 | 7:54 | HARSH VIHAR 220/66KV 160MVA ICT-3 | 08/10/14 | 10:37 | TR. TRIPPED ON GEN TRIP, E/F, 86 OPERATED, I/C TRIPPED ON 86-1 OPERATED. |
| 12 | 08/10/14 | 7:54 | HARSH VIHAR 220/66KV 160MVA ICT-1 | 08/10/14 | 10:37 | TR. TRIPPED DUE TO E/F, 86, GEN TRIP AND I/C TRIPPED ON 86-1, 86-2 OPERATED. |
| 13 | 08/10/14 | 7:54 | 400KV DADRI - HARSH VIHAR CKT. -II | 08/10/14 | 11:44 | AT DADRI CKT. TRIPPED DUE TO VT FUSE FAIL AT HARSH VIHAR CKT. TRIPPED DUE TO Y PHASE CB POLE STUCK. |
| 14 | 08/10/14 | 7:54 | 400KV DADRI-HARSH VIHAR CKT-I | 08/10/14 | 9:47 | AT HARSH VIHAR CKT. TRIPPED ALONGWITH 400KV BUS COUPLER AT DADRI CKT. TRIPPED ON 86, GENERAL TRIP. |
| 15 | 08/10/14 | 20:37 | 400KV BALLABHGARH-BAMNAULI CKT-II | 08/10/14 | 20:48 | AT BAMNAULI CKT TRIPPED ON MAIN-II, ZONE-I, 186 A&B AT BALLABGARH NO TRIPPING. |
| 16 | 08/10/14 | 20:37 | 400KV BALLABHGARH-BAMNAULI CKT-I | 08/10/14 | 21:27 | AT BAMNAULI CKT TRIPPED ON OPERATION LOCK OUT AT BALLABGARH NO TRIPPING. |
| 17 | 11/10/14 | 18:10 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 11/10/14 | 18:30 | I/C-II TRIPPED ON E/F. |
| 18 | 12/10/14 | 8:59 | KANJHAWALA 220/66KV 100MVA TX-II | 12/10/14 | 9:25 | 66KV I/C-II TRIPPED ON E/F. |
| 19 | 12/10/14 | 14:46 | 220KV WAZIRABAD - KASHMEREGATE CKT-I | 12/10/14 | 15:05 | AT WAZIRABAD CKT. TRIPPED ON ZONE-I, Y PHASE AT KASHMIRI GATE NO TRIPPING. |
| 20 | 12/10/14 | 19:10 | OKHLA 66/11KV, 20MVA TX-I | 12/10/14 | 20:25 | I/C TRIPPED ON O/C, R&B PHASE AND HEAVY SMOKE OBSERVED. |
| 21 | 13/10/14 | 7:58 | 220KV PRAGATI - I.P.CKT - I | 13/10/14 | 17:25 | AT I.P. CKT. TRIPPED WITHOUT INDICATION AT PRAGATI NO TRIPPING. |
| 22 | 13/10/14 | 18:14 | 220KV GEETA COLONY-PATPARGANJ CKT-I | 13/10/14 | 18:23 | AT PATPARGANJ CKT. TRIPPED ON ABC TRIP, 186, 186 AT GEETA COLONY CKT. TRIPPED ON ACTIVE GROUP -I, DISTANCE PORT, O/C, E/F DISTANCE 5.013KMS. ZONE-II. |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 23 | 15/10/14 | 17:08 | BAWANA 400/220KV 315MVA ICT-III | 15/10/14 | 19:20 | ICT TRIPPED ON 86, 186A,B. |
| 24 | 16/10/14 | 9:05 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 16/10/14 | 9:30 | TR. TRIPPED ON O/C. |
| 25 | 16/10/14 | 9:05 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 16/10/14 | 9:30 | TR. TRIPPED ON O/C. |
| 26 | 16/10/14 | 9:05 | 33KV IP - ELECTRIC LANE CKT (BAY-4) | 21/10/14 | 16:50 | BAY TRIPPED ON O/C, BUSHING DAMAGED AT I.P. END. |
| 27 | 17/10/14 | 3:45 | GOPALPUR 220/33KV 100MVA TX-II | 17/10/14 | 10:35 | TR. TRIPPED ON BUCHOLZ, 186, 66KV I/C-II TRIPPED ON 86. |
| 28 | 17/10/14 | 7:08 | 220 KV I.P.- RPH CKT-II | 17/10/14 | 17:30 | AT I.P. CKT. TRIPPED ON AUXILLARY RELAY, 86 RELAY, DC SUPPLY FAIL AT RPH NO TRIPPING. |
| 29 | 17/10/14 | 11:17 | 220KV WAZIRABAD - KASHMEREGATE CKT-II | 17/10/14 | 11:21 | AT WAZIRABAD CKT. TRIPPED ON DIST PROT, ZONE-I, R&Y PHASE, 86 AT KASHMIRI GATE NO TRIPPING. |
| 30 | 19/10/14 | 12:15 | 220KV GAZIPUR - MAHARANIBAGH CKT. -II | 19/10/14 | 13:10 | AT MAHARANI BAGH CKT. TRIPPED ON DIST PROT, B PHASE, DISTANCE 10.8KMS. ZONE-II AT GAZIPUR NO TRIPPING. |
| 31 | 19/10/14 | 12:15 | 220KV GAZIPUR - MAHARANIBAGH CKT. -I | 20/10/14 | 15:30 | AT GAZIPUR CKT. TRIPPED ON DIST PROT, B PHASE ZONE-I, B PHASE CT REPLACED AT MAHARANI BAGH CKT. TRIPPED ON L-3 & 2N 100%. |
| 32 | 21/10/14 | 13:38 | 220KV BAWANA-DSIIDC BAWANA CKT-II | 21/10/14 | 23:05 | AT DSIDC CKT TRIPPED ON D/P,Z-1,A-PH. AT BAWANA CKT TRIPPED ON D/P,Z-1,A-PH,DIST-0.68 KM. CONDUCTOR SNAPPED AT TOWER NO-2. |
| 33 | 21/10/14 | 13:38 | 220KV BAWANA-DSIIDC BAWANA CKT-I | 21/10/14 | 13:50 | AT DSIDC CKT TRIPPED ON D/P,Z-1,A-PH. AT BAWANA CKT TRIPPED ON D/P,Z-1,A-PH,DIST-1.19 KM. |
| 34 | 22/10/14 | 10:10 | 220KV MEHRAULI - VASANT KUNJ CKT.- II | 22/10/14 | 16:37 | AT MEHRAULI CKT TRIPPED ON D/P,Z-2,,C-PH. AT VASANTKUNJ CKT TRIPPED ON 186 A&B. |
| 35 | 22/10/14 | 11:10 | 220KV BAMNAULI-NARAINA CKT-I | 22/10/14 | 11:24 | AT NARAYANA CKT TRIPPED ON D/P,R-PH,Z-3. NO TRIPPING AT BAMNAULI. |
| 36 | 22/10/14 | 11:29 | 220KV SARITA VIHAR - BTPS CKT.-I | 22/10/14 | 15:50 | AT BTPS CKT TRIPPED ON D/P,B-PH,DIST-1.2KM. AT SARITAVIHAR CKT TRIPPED ON 186 A&B. |
| 37 | 22/10/14 | 16:15 | NARAINA 33KV 10MVAR CAP. BANK-II | 27/10/14 | 15:50 | CAPACITOR BANK TRIPPED ON NEUTRAL UNBALANCE,64NX. |
| 38 | 23/10/14 | 13:36 | 220KV BAMNAULI-NAJAFGARH CKT-II | 23/10/14 | 13:52 | AT BAMNAULI CKT TRIPPED ON D/P,Z-2,C-PH. AT NJF CKT TRIPPED ON D/P,Z-1,C-PH,186. |
| 39 | 26/10/14 | 11:55 | INDRAPRASTHA POWER 33KV KILOKRI CKT (BAY-37) | 01/11/14 | 15:50 | PROBLEM IN CB MECHANISM AT I.P. |
| 40 | 28/10/14 | 11:36 | HARSH VIHAR 220/66KV 160MVA ICT-1 | 28/10/14 | 11:57 | 66KV I/C-1 TRIPPED WITHOUT INDICATION. |

19.8 DETAILS OF 400/220KV BREAKDOWN/TRIPPINGS OCCURRED IN DTL SYSTEM DURING THE MONTH NOVEMBER – 2014

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|---------------------------------------|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 1 | 01/11/14 | 6:50 | PAPPANKALAN-I 66/11KV, 20MVA TX-I | 01/11/14 | 9:10 | TX TRIPPED ON BUCHHOLZ RELAY INDICATION. |
| 2 | 02/11/14 | 17:41 | ROHINI-II 66KV RG-28 CKT.-1 | 02/11/14 | 19:30 | PROBLEM IN SPRING CHARGE MECHANISM OF CB OF CKT. |
| 3 | 02/11/14 | 17:41 | ROHINI-II 66KV RG-28 CKT.-2 | 02/11/14 | 19:05 | PROBLEM IN SPRING CHARGE MECHANISM OF CB OF CKT. |
| 4 | 02/11/14 | 13:21 | 220KV WAZIRABAD - KASHMEREGATE CKT-II | 02/11/14 | 13:35 | AT WZB CKT TRIPPED ON D/P,Z-1,RY&B-PH, DIST-1.1KM. NO TRIPPING AT KASHMIRIGATE. |
| 5 | 02/11/14 | 13:37 | 220KV WAZIRABAD - KASHMEREGATE CKT-II | 02/11/14 | 15:28 | AT WZB CKT TRIPPED ON D/P,Z-1,RY&B-PH, DIST-1.0KM. NO TRIPPING AT KASHMIRIGATE. |
| 6 | 02/11/14 | 15:55 | 220KV WAZIRABAD - KASHMEREGATE CKT-II | 02/11/14 | 18:32 | AT WZB CKT TRIPPED ON D/P,Z-1,RY&B-PH, DIST-1.1KM. NO TRIPPING AT KASHMIRIGATE. LATER S/D AVAILED AT WZB TO ATTEND JUMPER BETWEEN CT AND CB. |

| SLNO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|------|--------------------------|-------|---|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 7 | 05/11/14 | 16:35 | ELECTRIC LANE 33KV B.D.MARG CKT | 05/11/14 | 17:02 | CKT TRIPPED DURING PROTECTION TESTING OF RELAY. |
| 8 | 07/11/14 | 11:26 | 220KVBAWANA- ROHINI CKT-II | 07/11/14 | 13:31 | AT ROHINI CKT TRIPPED ON D/P, AB&C-PH. AT BAWANA CKT TRIPPED ON D/P, A&B-PH. |
| 9 | 10/11/14 | 15:25 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 10/11/14 | 16:40 | TX TRIPPED ON B-PH E/F. |
| 10 | 10/11/14 | 15:25 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 10/11/14 | 17:05 | TX TRIPPED ON 86. |
| 11 | 10/11/14 | 15:58 | INDRAPRASTHA POWER 220/33KV 100MVA TX-III | 10/11/14 | 16:58 | TX TRIPPED WITHOUT INDICATION. |
| 12 | 11/11/14 | 5:34 | VASANT KUNJ 66/11KV, 20MVA TX-I | 11/11/14 | 15:58 | TX TRIPPED ON OLTG TEMP.,30D. |
| 13 | 12/11/14 | 8:08 | PAPPANKALAN-I 66KV BINDAPUR CKT-II | 12/11/14 | 10:07 | AT PPK-1 CKT TRIPPED WITHOUT INDICATION. SPARKING OBSERVED AT RELAYS . |
| 14 | 12/11/14 | 4:55 | 220KV BAWANA - KANJHAWALA CKT | 12/11/14 | 15:20 | AT KANJHAWALA CKT TRIPPED WITHOUT INDICATION. NO TRIPPING AT BAWANA. S/D AVAILED FOR CHECKING CB AT KANJHAWALA. |
| 15 | 12/11/14 | 23:13 | 220KV BAMNAULI-NARAINA CKT-I | 12/11/14 | 23:33 | AT BAMNAULI CKT TRIPPED ON D/P, A-PH, 186 A&B. NO TRIPPING AT NARAINA. |
| 16 | 12/11/14 | 23:46 | 220KV BAMNAULI-NARAINA CKT-I | 13/11/14 | 0:24 | AT BAMNAULI CKT TRIPPED ON D/P, A-PH, 186 A&B. NO TRIPPING AT NARAINA. |
| 17 | 13/11/14 | 12:35 | 220KV BAMNAULI-NARAINA CKT-I | 13/11/14 | 12:38 | AT NARAINA CKT TRIPPED WITHOUT INDICATION. |
| 18 | 15/11/14 | 19:35 | KANJHAWALA 220/66KV 100MVA TX-I | 15/11/14 | 19:53 | 66KV I/C-1 TRIPPED ON 295C. |
| 19 | 16/11/14 | 21:43 | 400KV DADRI-HARSH VIHAR CKT-I | 17/11/14 | 0:54 | CKT TRIPPED ON 86. NO TRIPPING AT DADRI YARD. |
| 20 | 17/11/14 | 2:10 | 400KV DADRI-HARSH VIHAR CKT-I | 17/11/14 | 2:44 | SUPPLY FAILED FROM DADRI S/STN. NO TRIPPING AT HARSH VIHAR. |
| 21 | 17/11/14 | 15:51 | 400KV DADRI-HARSH VIHAR CKT-I | 17/11/14 | 18:21 | AT DADRI CKT TRIPPED ON VT FUSE FAILURE. NO TRIPPING AT HARSH VIHAR. |
| 22 | 18/11/14 | 18:48 | 400KV BALLABGARH-BAMNAULI CKT-II | 18/11/14 | 19:14 | AT BAMNAULI CKT TRIPPED ON D/P, Z-1, C-N-PH, 130E, 186 A&B. NO TRIPPING AT BALLABGARH. |
| 23 | 18/11/14 | 18:48 | 400KV BALLABGARH-BAMNAULI CKT-I | 18/11/14 | 19:14 | AT BAMNAULI CKT TRIPPED ON D/P, Z-1, C-N-PH, 130E, 186 A&B. NO TRIPPING AT BALLABGARH. |
| 24 | 20/11/14 | 3:45 | 220KV MAHARANI BAGH - LODHI ROAD CKT-I | 20/11/14 | 15:51 | AT MAHARANI BAGH CKT TRIPPED ON D/P, Z-3, E/F. NO TRIPPING AT LODHI ROAD. HOWEVER AT LODHI ROAD R-PH LA DAMAGED. |
| 25 | 23/11/14 | 9:10 | KASHMIRI GATE 220/33KV 100MVA TX-II | 23/11/14 | 13:46 | TX TRIPPED WITHOUT INDICATION. |
| 26 | 23/11/14 | 15:30 | 220KV WAZIRABAD-GEETA COLONY CKT-I | 23/11/14 | 17:05 | AT WZB CKT TRIPPED ON D/P,Z-1, R-PH LA DAMAGED. AT GEETA COLONY CKT TRIPPED ON D/P, E/F. |
| 27 | 25/11/14 | 9:15 | 220KV SHALIMARBAGH-WAZIRPUR CKT-II | 25/11/14 | 9:40 | AT WZP CKT TRIPPED ON 86, LOW GAS PRESSURE. NO TRIPPING AT SHALIMARBAGH. |

9.9 DETAILS OF 400/220KV BREAKDOWN/TRIPPINGS OCCURRED IN DTL SYSTEM DURING THE MONTH DECEMBER - 2014

| SLNO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|------|--------------------------|------|---|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 1 | 01/12/14 | 7:48 | WAZIRPUR 220/33KV 100MVA TX-II | 01/12/14 | 13:02 | TX TRIPPED ON 86. BUS COUPLER TRIPPED ON R-PH POLE DISCREPANCY. |
| 2 | 01/12/14 | 9:58 | RIDGE VALLEY 220/66KV 160MVA TX-I | 01/12/14 | 10:15 | TX TRIPPED ON LOCAL BACKUP PROTECTION. |
| 3 | 01/12/14 | 9:58 | RIDGE VALLEY 220/66KV 160MVA TX-II | 01/12/14 | 10:15 | TX TRIPPED ON LOCAL BACKUP PROTECTION. |
| 4 | 01/12/14 | 9:58 | 220 KV TRAUMA CENTER-RIDGE VALLEY CKT-2 | 01/12/14 | 10:15 | CKT TRIPPED ON LOCAL BACKUP PROTECTION. |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|---|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 5 | 01/12/14 | 9:58 | 220KV NARAINA-RIDGE VALLEY CKT-I | 01/12/14 | 10:15 | CKT TRIPPED ON LOCAL BACKUP PROTECTION AT RIDGE VALLEY. |
| 6 | 01/12/14 | 9:58 | 220 KV TRAUMA CENTER-RIDGE VALLEY CKT-I | 01/12/14 | 10:15 | CKT TRIPPED ON LOCAL BACKUP PROTECTION. |
| 7 | 01/12/14 | 10:24 | 400KV DADRI - HARSH VIHAR CKT. -II | 01/12/14 | 11:46 | SUPPLY FAILED FROM DADRI. |
| 8 | 01/12/14 | 11:14 | 400KV DADRI - HARSH VIHAR CKT. -II | 01/12/14 | 12:44 | AT HARSH VIHAR CKT TRIPPED ON D/P, Z-1, DIST-13.6 KM. |
| 9 | 01/12/14 | 15:01 | 400KV DADRI - HARSH VIHAR CKT. -II | 01/12/14 | 20:00 | AT HARSH VIHAR CKT TRIPPED ON D/P, Z-1, DIST-13.8 KM. |
| 10 | 01/12/14 | 16:59 | 220KV WAZIRABAD-GEETA COLONY CKT-II | 01/12/14 | 17:24 | AT WZB CKT TRIPPED ON D/P, Z-1, DIST-2.9 KM. AT GEETA COLONY CKT TRIPPED ON D/P, E/F. |
| 11 | 01/12/14 | 17:03 | 220KV OKHLA - BTPS CKT. - II | 01/12/14 | 17:34 | AT BTPS CKT TRIPPED ON D/P, Z-1, R-PH, DIST-4.3KM. NO TRIPPING AT OKHLA. |
| 12 | 02/12/14 | 20:10 | 220KV GOPALPUR-MANDOLACKT-I | 02/12/14 | 20:48 | AT MANDOLA CKT TRIPPED ON D/P, Z-1, R-PH, 186 A&B, DIST-10.18 KM. NO TRIPPING AT GOPALPUR. |
| 13 | 02/12/14 | 16:56 | ELECTRIC LANE 220/33KV 100MVA TX-II | 02/12/14 | 19:10 | TX TRIPPED DUE TO ELECTROCUTION OF MONKEY IN YARD. |
| 14 | 02/12/14 | 16:56 | ELECTRIC LANE 220/33KV 100MVA TX-I | 02/12/14 | 19:10 | TX TRIPPED DUE TO ELECTROCUTION OF MONKEY IN YARD. |
| 15 | 05/12/14 | 21:55 | SARITA VIHAR 220/66KV 100MVA TX-I | 05/12/14 | 22:24 | TX TRIPPED ON 195,186. |
| 16 | 06/12/14 | 10:00 | SARITA VIHAR 66/11KV, 20MVA TX-I | 06/12/14 | 16:30 | TX TRIPPED WITHOUT INDICATION. |
| 17 | 06/12/14 | 15:40 | 220KV GOPALPUR-SUBZI MANDI CKT-II | 06/12/14 | 16:10 | AT GOPALPUR CKT TRIPPED ON SUPERVISION RELAY AND FUSE FAIL. NO TRIPPING AT SUBZIMANDI. |
| 18 | 08/12/14 | 8:22 | PAPPANKALAN-I 66/11KV 20MVA TX-I | 08/12/14 | 11:15 | TX TRIPPED ON OLTG BUCHHOLZ. |
| 19 | 08/12/14 | 16:01 | 220KV WAZIRABAD - MANDOLA CKT-I | 08/12/14 | 19:13 | AT WZB CKT TRIPPED ON D/P, Z-1, DIST-6.9 KM. AT MDL CKT TRIPPED ON R-PH, D/P, Z-1, DIST-8.8 KM. |
| 20 | 11/12/14 | 17:30 | INDRAPRASTHA POWER 33KV KAMLA MARKET CKT (BAY-30) | 12/12/14 | 18:00 | FIRE REPORTED AT CABLE END BOX OF 33KV BAY-30. CABLE EARTHING DAMAGED. |
| 21 | 11/12/14 | 17:30 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 11/12/14 | 17:45 | FIRE REPORTED AT CABLE END BOX OF 33KV BAY-30. 33KV I/C-1 TRIPPED ON 86. |
| 22 | 11/12/14 | 17:30 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 11/12/14 | 17:45 | FIRE REPORTED AT CABLE END BOX OF 33KV BAY-30. 33KV I/C-2 TRIPPED ON B-PH, O/C. |
| 23 | 12/12/14 | 7:15 | PARKSTREET 66/33KV, 30MVA TX-II | 12/12/14 | 11:42 | TX TRIPPED ON MAIN BUCHHOLZ, 30A, 30G, 86. |
| 24 | 12/12/14 | 10:45 | MASJID MOTH 220/33KV 100MVA TX-II | 12/12/14 | 11:20 | 33KV I/C-2 TRIPPED ON O/C, E/F, 86. CB OF 33KV COURT COMPLEX CKT-2 DAMAGED. |
| 25 | 12/12/14 | 10:45 | MASJID MOTH 33KV COURT COMPLEX NO-II CKT | 12/12/14 | 18:40 | CKT TRIPPED ON D/P,Z-1. CB OF FEEDER DAMAGED. |
| 26 | 12/12/14 | 4:59 | 400KV BALLABHGARH-BAMNAULI CKT-I | 12/12/14 | 5:15 | AT BAMNAULI CKT TRIPPED ON D/P, Z-1, 186 A&B. NO TRIPPING AT BALLABGARH END. |
| 27 | 12/12/14 | 15:49 | 220KV NARELA - MANDOLA CKT-I | 12/12/14 | 16:41 | AT MDL CKT TRIPPED ON D/P, Z-1, R-PH. AT NRL CB OF CKT WAS IN OFF POSITION AND LOAD WAS RUNNING TOWARDS BAWANA. |
| 28 | 13/12/14 | 12:26 | 400KV DADRI-HARSH VIHAR CKT-I | 13/12/14 | 13:05 | AT HARSH VIHAR CKT TRIPPED ON INTER TRIP, Z-1. |
| 29 | 13/12/14 | 13:07 | 400KV DADRI-HARSH VIHAR CKT-I | 14/12/14 | 17:59 | CKT TRIPPED ON INTER TRIP AT HARSH VIHAR. TRIED TO CHARGE FROM HARSH VIHAR BUT DID NOT HOLD. LATER S/D AVALIED ON CKT ON 14.12.2014 BY NTPC. |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|---|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 30 | 14/12/14 | 4:01 | 400KV BAMNAULI-JHATIKARA CKT-II | 14/12/14 | 6:08 | AT BAMNAULI CKT TRIPPED ON INTER TRIP AUTO LOCK OUT. |
| 31 | 14/12/14 | 10:35 | 400KV BAMNAULI-JHATIKARA CKT-I | 14/12/14 | 11:02 | AT BAMNAULI CKT TRIPPED ON D/P, Z-1, 186 A&B. CVT AVAILABLE AT BAMNAULI. |
| 32 | 14/12/14 | 10:48 | 220KV PRAGATI - SARITA VIHAR CKT | 14/12/14 | 11:20 | AT SARITA VIHAR CKT TRIPPED ON D/P, Z-1,186 A&B,DIST-352.4 METER. AT PRAGATI CKT TRIPPED ON AB&C-PH, DIST-9.128 KM. |
| 33 | 14/12/14 | 15:35 | 400KV BAWANA-MUNDKA CKT-II | 14/12/14 | 16:28 | AT BWN CKT TRIPPED ON D/P, Z-1, 186, DIST-5.6 KM, A/R. AT MUNDKA CKT TRIPPED ON D/P, Z-1, R-PH, 186, DIST-11.7 KM, A/R. |
| 34 | 14/12/14 | 16:15 | 220KV MEHRAULI - BTPS CKT- I | 14/12/14 | 17:05 | AT MEH CKT TRIPPED ON D/P, Z-2, AB&C-PH, DIST-13.38 KM. AT BTPS CKT TRIPPED ON E/F, DIST-6.6 KM. |
| 35 | 14/12/14 | 16:07 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 14/12/14 | 16:35 | 33KV I/C-1 TRIPPED ON 86. |
| 36 | 14/12/14 | 16:07 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 15/12/14 | 15:15 | 33KV I/C-2 TRIPPED ON E/F. PROBLEM IN BUS ISOLATOR OF 33KV I/C-2. |
| 37 | 14/12/14 | 20:30 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 14/12/14 | 22:55 | 33KV I/C-1 TRIPPED ON E/F, 86. |
| 38 | 14/12/14 | 20:30 | INDRAPRASTHA POWER 33KV CONNAUGHT PLACE CKT (BAY-38) | 15/12/14 | 12:20 | PROBLEM IN CB. |
| 39 | 15/12/14 | 7:40 | NAJAFGARH 66KV PASCHIM VIHAR CKT-I (BODHELA-II CKT-I) | 15/12/14 | 13:05 | PROBLEM IN B-PH ISOLATOR JAW |
| 40 | 15/12/14 | 11:28 | BAWANA 400/220KV 315MVA ICT-VI | 15/12/14 | 16:44 | ICT TRIPPED ON Y-PH OSR. |
| 41 | 16/12/14 | 13:04 | NAJAFGARH 66KV PASCHIM VIHAR CKT-I (BODHELA-II CKT-I) | 16/12/14 | 13:38 | CKT TRIPPED ON 186. PROBLEM IN D/P RELAY. |
| 42 | 18/12/14 | 5:19 | BAWANA 400/220KV 315MVA ICT-II | 19/12/14 | 13:05 | ICT TRIPPED ON 30B, 30A, 30F,297. 220KV I/C-2 TRIPPED ON INTER TRIP. |
| 43 | 19/12/14 | 18:51 | 220KV MAHARANI BAGH - TRAUMA CENTER CKT-I | | | AT MAHARANIBAGH CKT TRIPPED ON Y-PH E/F. AT TRAUMA CENTER CKT TRIPPED ON D/P, Z-1, B-PH. |
| 44 | 19/12/14 | 18:51 | 220KV MAHARANIBAGH - TRAUMA CENTER CKT-II | 20/12/14 | 12:26 | AT MAHARANIBAGH CKT TRIPPED ON Y-PH E/F, DIST-14 KM. NO TRIPPING AT TRAUMA CENTER END. |
| 45 | 20/12/14 | 9:05 | 220KV PRAGATI - SARITA VIHAR CKT | 20/12/14 | 10:29 | AT SARITA VIHAR CKT TRIPPED ON 186 A&B, A/R. NO TRIPPING AT PRAGATI END. |
| 46 | 20/12/14 | 9:27 | PARKSTREET 220/66KV 100MVA TX-II | 20/12/14 | 10:49 | TX TRIPPED ON 86A, DIFFERENTIAL PROTECTION, A-PH 87TA, C-PH 87 TC, E/F. |
| 47 | 22/12/14 | 5:39 | 220KV SARITA VIHAR - BTPS CKT.-II | 22/12/14 | 12:26 | AT BTPS CKT TRIPPED ON Y-PH, E/F, DIST-1.2 KM. AT SARITA VIHAR CKT TRIPPED ON 186 A&B, A/R, B&Y-PH. |
| 48 | 22/12/14 | 5:39 | 220KV PRAGATI - SARITA VIHAR CKT-II | 22/12/14 | 6:02 | AT PRAGATI CKT TRIPPED ON D/P, Z-1, DIST-8.567 KM. NO TRIPPING AT SARITA VIHAR. |
| 49 | 22/12/14 | 19:25 | 220KV BAWANA - KANJHAWALA CKT-2 | 22/12/14 | 19:37 | AT KANJHAWALA CKT TRIPPED ON D/P, R&Y-PH. NO TRIPPING AT BAWANA. |
| 50 | 24/12/14 | 10:42 | LODHI RD 33/11KV, 20MVA TX-II | 27/12/14 | 12:39 | TX TRIPPED ON DIFFERENTIAL PROTECTION. |
| 51 | 24/12/14 | 12:15 | 220KV PRAGATI - SARITA VIHAR CKT-II | 24/12/14 | 15:03 | AT SARITA VIHAR CKT TRIPPED ON R & B-PH, 186, A/R. NO TRIPPING AT PRAGATI. |
| 52 | 24/12/14 | 13:45 | 220KV NARELA - MANDOLA CKT-II | 24/12/14 | 15:35 | SUPPLY FAILED FROM MANDOLA. |

| SLNO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|------|--------------------------|-------|-----------------------------------|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 53 | 24/12/14 | 13:45 | 220KV GOPALPUR-MANDOLACKT-II | 24/12/14 | 15:49 | AT MDL CKT TRIPPED ON A/R LOCK OUT, DIRECT TRIP SIGNAL, BACK UP PROTECTION. NO TRIPPING AT GOPALPUR. |
| 54 | 24/12/14 | 13:45 | 220KV GOPALPUR-MANDOLACKT-I | 24/12/14 | 15:49 | AT MDL CKT TRIPPED ON A/R LOCK OUT, DIRECT TRIP SIGNAL, BACK UP PROTECTION. NO TRIPPING AT GOPALPUR. |
| 55 | 25/12/14 | 22:00 | SUBZI MANDI 220/33KV 100MVA TX-II | 25/12/14 | 23:07 | TX TRIPPED ON DIFFERENTIAL PICK UP, HVCB OPEN, LVCB OPEN. |
| 56 | 26/12/14 | 5:58 | SUBZI MANDI 220/33KV 100MVA TX-II | 26/12/14 | 8:54 | TX TRIPPED ON DIFFERENTIAL. |
| 57 | 26/12/14 | 9:42 | NARAINA 33KV SHEKHAWATI CKT | 26/12/14 | 9:55 | CKT TRIPPED ON LOW GAS PRESSURE. |
| 58 | 26/12/14 | 19:31 | SUBZI MANDI 220/33KV 100MVA TX-II | 26/12/14 | 22:50 | TX TRIPPED ON E/F,186. |
| 59 | 28/12/14 | 5:12 | BAMNAULI 400/220KV 315MVA ICT-IV | 29/12/14 | 16:35 | ICT TRIPPED ON BUCHHOLZ RELAY, 30A,OIL LEVEL LOW ALARM,86A1, 86B1. |
| 60 | 29/12/14 | 13:17 | WAZIRPUR 220/33KV 100MVA TX-II | 29/12/14 | 14:13 | TX TRIPPED ON DIFFERENTIAL, DIRECTIONAL E/F, 86 A&B. |
| 61 | 29/12/14 | 21:25 | OKHLA 33KV ALAKNANDA CKT-II | 30/12/14 | 22:35 | Y-PH JUMPER BROKEN AND PROBLEM IN CB. |
| 62 | 29/12/14 | 21:25 | OKHLA 220/33KV 100MVA TX-III | 29/12/14 | 21:55 | 33KV I/C-3 TRIPPED ON O/C. |
| 63 | 29/12/14 | 21:25 | OKHLA 220/33KV 100MVA TX-V | 29/12/14 | 21:55 | 33KV I/C-5 TRIPPED ON E/F. |
| 64 | 29/12/14 | 21:25 | OKHLA 220/33KV 100MVA TX-IV | 29/12/14 | 21:55 | TX TRIPPED ON O/C, 86 ALONG WITH 33KV I/C-3 WHICH TRIPPED ON E/F. |
| 65 | 30/12/14 | 9:50 | SARITA VIHAR 66/11KV, 20MVA TX-II | 30/12/14 | 12:20 | TX TRIPPED ON 30D BUCHHOLZ AND 11KV I/C-2 TRIPPED ON O/C. |
| 66 | 29/12/14 | 21:25 | 220KV OKHLA - BTPS CKT. - II | 29/12/14 | 21:50 | AT OKHLA CKT TRIPPED ON D/P, O/C, E/F. NO TRIPPING AT BTPS. |

19.10 DETAILS OF 400/220KV BREAKDOWN/TRIPPINGS OCCURRED IN DTL SYSTEM DURING THE MONTH JANUARY -2015

| SLNO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|------|--------------------------|-------|-------------------------------------|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 1 | 01/01/15 | 17:31 | 400KV BALLABHGARH-BAMNAULI CKT-II | 17/01/15 | 18:53 | AT BAMNAULI CKT TRIPPED ON D/P,Z-1,186 A&B,DIST-01 KM. B-PH CABLE END BOX DAMAGED OUT SIDE BAMNAULI S/STN YARD AND CAUGHT FIRE. CKT CHARGED THROUGH ERS ON 17.01.15 AT 18:53HRS. |
| 2 | 01/01/15 | 17:31 | 400KV BALLABHGARH-BAMNAULI CKT-I | 01/01/15 | 22:08 | CKT MADE OFF AS A PRECAUTIONARY MEASURE AS 400KV BALLABHGARH-BAMNAULI CKT-II B-PH CABLE END BOX DAMAGED OUT SIDE BAMNAULI S/STN YARD AND CAUGHT FIRE. |
| 3 | 02/01/15 | 4:33 | 220KV KANJHAWALA-NAJAFGARH CKT-2 | 02/01/15 | 11:24 | AT NJF CKT TRIPPED ON 876,186. NO TRIPPING AT KANJHAWALA. |
| 4 | 02/01/15 | 4:33 | 220KV KANJHAWALA-NAJAFGARH CKT | 02/01/15 | 11:24 | AT NJF CKT TRIPPED ON 876,186. NO TRIPPING AT KANJHAWALA. |
| 5 | 02/01/15 | 13:08 | LODHI RD 33/11KV, 16MVA TX-III | 02/01/15 | 14:50 | TX TRIPPED ON DIFFERENTIAL PROTECTION. |
| 6 | 03/01/15 | 0:03 | 400KV BALLABHGARH-BAMNAULI CKT-I | 03/01/15 | 1:01 | AT BAMNAULI CKT TRIPPED ON D/P, 186 A&B,DIST-42.6 KM. |
| 7 | 03/01/15 | 13:10 | 220KV OKHLA - BTPS CKT. - I | 03/01/15 | 13:13 | AT OKHLA CKT TRIPPED ON 96. NO TRIPPING AT BTPS. |
| 8 | 03/01/15 | 13:30 | 220KV OKHLA - BTPS CKT. - I | 03/01/15 | 16:35 | CKT MADE OFF DUE TO FIRE IN AUXILIARY MECHANISM OF BUS ISOLATORS AT OKHLA. |
| 9 | 04/01/15 | 5:50 | PAPPANKALAN-I 220/66KV 100MVA TX-IV | 04/01/15 | 6:09 | TX ALONG WITH 66KV I/C-4 TRIPPED ON 86. |

| SLNO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|------|--------------------------|-------|---------------------------------------|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 10 | 06/01/15 | 7:55 | SUBZI MANDI 220/33KV 100MVA TX-II | 06/01/15 | 8:02 | TX TRIPPED ON 186. |
| 11 | 08/01/15 | 2:55 | SUBZI MANDI 220/33KV 100MVA TX-II | 08/01/15 | 4:27 | TX TRIPPED WITHOUT INDICATION. |
| 12 | 08/01/15 | 7:10 | 220KV GAZIPUR - MAHARANIBAGH CKT. -II | 08/01/15 | 15:10 | AT MAHARANIBAGH CKT TRIPPED ON D/P,Z-2,Y-PH E/F. AT GAZIPUR CKT TRIPPED ON O/C,E/F. SF6 GAS OF Y-PH POLE OF CB LEAKED OUT AT GAZIPUR. |
| 13 | 08/01/15 | 8:40 | 220KV DSIIDC BAWANA-NARELA CKT-I | 08/01/15 | 10:39 | AT NARELA CKT TRIPPED ON E/F. NO TRIPPING AT DSIDC BAWANA. |
| 14 | 08/01/15 | 10:45 | 220KV DSIIDC BAWANA-NARELA CKT-I | 08/01/15 | 14:12 | AT NARELA CKT TRIPPED ON DIRECTIONAL E/F. NO TRIPPING AT DSIDC BAWANA. |
| 15 | 10/01/15 | 15:45 | SARITA VIHAR 220/66KV 100MVA TX-I | 10/01/15 | 16:20 | TX TRIPPED ON 30B,86. |
| 16 | 11/01/15 | 3:58 | SARITA VIHAR 66/11KV, 20MVA TX-I | 11/01/15 | 9:59 | 11KV I/C-1 TRIPPED ON O/C. SMOKE OBSERVED ON 11KV BUS. |
| 17 | 11/01/15 | 5:13 | SUBZI MANDI 220/33KV 100MVA TX-I | 11/01/15 | 5:20 | TX TRIPPED ON POLE DISCREPANCY. |
| 18 | 11/01/15 | 14:26 | BAWANA 400/220KV 315MVA ICT-II | 03/02/15 | 12:24 | ICT MADE OFF DUE TO POOR DGA TEST RESULT. FORMATION OF HIGH LEVEL OF ACETYLENE GAS NOTED IN DGA TEST. INTERNAL INSPECTION DONE AND TX OIL CHANGED. |
| 19 | 12/01/15 | 3:16 | BAWANA 400/220KV 315MVA ICT-III | 12/01/15 | 14:55 | BUCHHOLZ RELAY APPEARED ON ICT BUT DID NOT TRIP. ICT MADE OFF FOR INVESTIGATION. DURING INVESTIGATION IT WAS FOUND THAT ONE WIRE IN BUCHHOLZ RELAY FOUND DAMAGED AND SAME WAS REPAIRED. |
| 20 | 17/01/15 | 4:20 | MEHRAULI 66/11KV, 20MVA TX-I | 17/01/15 | 11:20 | TX TRIPPED ON 30D. |
| 21 | 18/01/15 | 19:45 | MEHRAULI 66/11KV, 20MVA TX-I | 18/01/15 | 23:03 | TX TRIPPED ON 30D,86. |
| 22 | 19/01/15 | 8:20 | GOPALPUR 220/33KV 100MVA TX-III | 19/01/15 | 8:43 | 33KV I/C-3 TRIPPED ON E/F. |
| 23 | 22/01/15 | 15:55 | LODHI RD 220/33KV 100MVA TX-II | 22/01/15 | 18:25 | TX TRIPPED ON AUTO RE-CLOSE LBB PROTECTION,86B. 33KV I/C-2 TRIPPED ON INTER TRIP. |
| 24 | 23/01/15 | 2:05 | MEHRAULI 220/66KV 160MVA TX-I | 23/01/15 | 11:15 | TX TRIPPED ON POLE DISCREPANCY. |
| 25 | 23/01/15 | 9:45 | OKHLA 33KV TUGLAKABAD CKT | 23/01/15 | 10:15 | CKT REMAINED OFF DUE TO TRIPPING OF 220/33KV 100MVA TX-5. |
| 26 | 23/01/15 | 9:45 | OKHLA 220/33KV 100MVA TX-V | 23/01/15 | 12:35 | TX TRIPPED ON E/F, 86,186. 33KV I/C-5 TRIPPED ON 86. |
| 27 | 23/01/15 | 14:09 | 220KV MEHRAULI - BTPS CKT. - II | 23/01/15 | 16:55 | AT MEHRAULI CKT TRIPPED ON D/P,Z-1,DIST-9.641KM. AT BTPS CKT TRIPPED ON D/P, Z-1, DIST-10.60KM. |
| 28 | 25/01/15 | 5:11 | WAZIRABAD 220/66KV 160MVA TX-I | 27/01/15 | 7:22 | TX TRIPPED ON DIFFERENTIAL PROTECTION. |
| 29 | 25/01/15 | 5:11 | 220KV WAZIRABAD - MANDOLA CKT-I | 25/01/15 | 17:38 | AT WZB CKT TRIPPED ON D/P,Z-2,DIST-12.4KM. AT MANDOLA CKT TRIPPED ON D/P,Z-1,DIST-0.33KM. MIDDLE PHASE DISC INSULATOR DAMAGED AND DE-CAPPED AT TOWER NO-2. |
| 30 | 26/01/15 | 11:48 | VASANT KUNJ 220/66KV 160MVA TX-I | 26/01/15 | 15:53 | TX TRIPPED ON 30F. |
| 31 | 27/01/15 | 8:48 | PARKSTREET 220/33KV 100MVA TX-II | 27/01/15 | 9:38 | TX TRIPPED ON 51N,86. MONKEY ELECTROCUTED IN YARD. |
| 32 | 27/01/15 | 18:10 | SARITA VIHAR 66/11KV, 20MVA TX-II | 27/01/15 | 22:31 | 11KV I/C-2 TRIPPED ON BOTH O/C. FLASH REPORTED ON HALF 11KV BUS TOWARDS 11KV I/C-2. |
| 33 | 28/01/15 | 22:10 | 220KV OKHLA - BTPS CKT. - II | 28/01/15 | 22:26 | AT OKHLA CKT TRIPPED ON D/P,Z-3,AB&C-PH. NO TRIPPING AT BTPS END. |
| 34 | 29/01/15 | 8:03 | OKHLA 220/66KV 100MVA TX-II | 29/01/15 | 9:10 | 66KV I/C-2 TRIPPED ON E/F. |

19.11 DETAILS OF 400/220KV BREAKDOWN/TRIPPINGS OCCURRED IN DTL SYSTEM DURING THE MONTH FEBRUARY – 2014

| SLNO | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|------|--------------------------|-------|--|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 1 | 01/02/15 | 3:45 | NARELA 220/66KV 100MVA TX-I | 01/02/15 | 4:09 | TX TRIPPED ON 186. |
| 2 | 01/02/15 | 0:18 | 400KV BALLABHGARH- BAMNAULI CKT-II | 01/02/15 | 0:35 | AT BAMNAULI CKT TRIPPED ON D/P,MAIN-2,C-N-PH,Z-1, AND 186. NO TRIPPING AT OTHER END. |
| 3 | 02/02/15 | 1:23 | 220KV SHALIMARBAGH- WAZIRPUR CKT-II | 02/02/15 | 2:34 | AT SMB CKT TRIPPED ON : MAIN-1, MAIN-2: GENERAL TRIP, MASTER TRIP. NO TRIPPING AT WAZIRPUR. |
| 4 | 04/02/15 | 9:40 | 220KV KANJHAWALA- NAJAFGARH CKT-2 | 04/02/15 | 16:52 | AT KANJHAWALA CKT TRIPPED ON D/P,B-Y-PH,DIST-7.2KM. AT NJF CKT TRIPPED ON D/P,B-C-PH,DIST-7.835KM. 220KV BUS COUPLER ALSO TRIPPED ON E/F AND O/C AT KANJHAWALA. |
| 5 | 07/02/15 | 5:15 | PRAGATI 220/66KV 160MVA TX-I | 07/02/15 | 0:01 | BUS BAR PROTECTION OPERATED AT GT. 66KV I/C-1 OF TX TRIPPED ON BUS DIFFERENTIAL AT GT STATION. PT JUMPER OF DMRC CKT-1 TOWARDS BUS-3 SNAPPED AT GT YARD. |
| 6 | 07/02/15 | 5:15 | PRAGATI 220/66KV 160MVA TX-II | 07/02/15 | 11:09 | TX TRIPPED ON OLTC BUCHHOLZ AND 86. |
| 7 | 08/02/15 | 08:01 | BAWANA 400/220KV 315MVA ICT-IV | 08/02/15 | 11:25 | ICT TRIPPED ON DIFFERENTIAL PROTECTION,R,Y AND B-PH. 220KV I/C-4 TRIPPED ON DIFFERENTIAL PROTECTION.R-PH BUS ISOLATOR DROPPED JUMPER 220KV SIDE DAMAGED. |
| 8 | 08/02/15 | 8:01 | 220KVBAWANA- ROHINI CKT-II | 08/02/15 | 8:29 | AT ROHINI-2 CKT TRIPPED ON D/P,Z-1. NO TRIPPING AT BAWANA. |
| 9 | 09/02/15 | 19:13 | 220KV GOPALPUR- SUBZI MANDI CKT-I | 10/02/15 | 13:45 | AT GOPALPUR CKT TRIPPED ON VT FUSE FAILURE. NO TRIPPING AT SUBZIMANDI |
| 10 | 10/02/15 | 10:35 | DIAL 220/66KV 160MVA TX-II | 02/03/15 | 14:54 | POOR DGA TEST RESULT. TX MADE OFF DUE TO FORMATION OF ACETYLENE GAS |
| 11 | 11/02/15 | 22:20 | LODHI RD 33/11KV, 16MVA TX-III | 11/02/15 | 23:10 | TX TRIPPED ALONG WITH 11KV I/C-3 TRIPPED ON DIFFERENTIAL,R,Y AND B PHASE ALONG WITH 11KV NBCC EAST BLOCK FEEDER TRIPPED WITHOUT INDICATION. |
| 12 | 16/02/15 | 6:35 | LODHI RD 33/11KV, 16MVA TX-III | 16/02/15 | 6:58 | TX TRIPPED ON DIFFERENTIAL. |
| 13 | 17/02/15 | 17:02 | 220KV BAMNAULI- NARAINA CKT-I | 17/02/15 | 17:40 | AT BAMNAULI CKT TRIPPED ON 186 A&B. NO TRIPPING AT NARAINA. |
| 14 | 19/02/15 | 18:27 | LODHI RD 33/11KV, 16MVA TX-III | 19/02/15 | 18:36 | TX TRIPPED ON DIFFERENTIAL Y & B-PH. 11KV I/C-3 TRIPPED ON 86. |
| 15 | 19/02/15 | 18:36 | LODHI RD 33/11KV, 16MVA TX-III | 19/02/15 | 18:40 | TX TRIPPED ON DIFFERENTIAL Y & B-PH. 11KV I/C-3 TRIPPED ON 86. |
| 16 | 21/02/15 | 6:05 | ROHINI 66/11KV, 20MVA TX-II | 21/02/15 | 6:26 | TX ALONG WITH 11KV I/C-2 TRIPPED ON 86. |
| 17 | 24/02/15 | 14:12 | MASJID MOTH 220/33KV 100MVA TX-I | 24/02/15 | 14:50 | 33KV I/C-1 TRIPPED ON 86 ALONG WITH 33KV SIRI FORT FEEDER WHICH TRIPPED ON O/C,E/F. B & Y- CT OF 33KV SIRI FORT FEEDER DAMAGED. |
| 18 | 24/02/15 | 14:12 | MASJID MOTH 220/33KV 100MVA TX-II | 24/02/15 | 14:32 | 33KV I/C-2 TRIPPED ON O/C,E/F ALONG WITH 33KV SIRI FORT FEEDER WHICH TRIPPED ON O/C,E/F. B & Y- CT OF 33KV SIRI FORT FEEDER DAMAGED. |
| 19 | 24/02/15 | 14:12 | MASJID MOTH 33 KV SIRIFORT | 24/02/15 | 19:10 | CKT TRIPPED ON O/C,E/F. B & Y- CT OF CKT DAMAGED. |
| 20 | 24/02/15 | 17:53 | PAPPANKALAN-I 220/66KV 100MVA TX- IV | 24/02/15 | 18:15 | TX TRIPPED ON O/C, E/F,86B ALONG WITH 66KV I/C-4 WHICH TRIPPED ON INTER TRIP. |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|------------------------------------|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 21 | 24/02/15 | 6:50 | 220KV DSIIDC BAWANA-NARELA CKT-II | 24.02.15 | 12:54 | AT DSIDC CKT TRIPPED ON D/P, B-PH, DIST-1.29 KM. NO TRIPPING AT NARELA. |
| 22 | 25/02/15 | 9:31 | 220KV BAWANA - KANJHAWALA CKT-2 | 25/02/15 | 9:50 | AT BAWANA CKT TRIPPED ON D/P,Z-1,C-PH,DIST-1.85KM. AT KANJHAWALA CKT TRIPPED ON D/P, R & Y-PH. |
| 23 | 25/02/15 | 16:15 | 220 KV I.P.- RPH CKT-I | 25/02/15 | 16:50 | AT RPH CKT TRIPPED ON O/C,E/F, 186A&B, A/R. NO TRIPPING AT IP S/STN. |
| 24 | 26/02/15 | 22:40 | PATPARGANJ 220/33KV 100MVA TX-I | 26/02/15 | 23:02 | TX WAS MADE OFF AS TRIP CKT FAULTY INDICATION APPEARED ON RELAY PANEL. TX MADE OFF FOR INSPECTION. |
| 25 | 26/01/15 | 12:05 | 220KV MEHRAULI - BTPS CKT. - I | 26/02/15 | 16:19 | AT MEHRAULI CKT TRIPPED ON D/P,Z-2,A-N-PH, DIST-15.5KM. AT BTPS CKT TRIPPED ON D/P,Z-1,DIST-2.9KM. |
| 26 | 27/02/15 | 13:02 | OKHLA 33KV NEHRU PLACE CKT-II | 27/02/15 | 16:10 | CKT TRIPPED ON E/F. MONKEY ELECTROCUTED IN YARD. |
| 27 | 28/02/15 | 1:30 | 220KV WAZIRABAD-GEETA COLONY CKT-I | 28/02/15 | 2:06 | CKT MADE OFF AS PROBLEM OCCURED IN TRIP CKT OF CB. |

19.12 DETAILS OF 400/220KV BREAKDOWN/TRIPPINGS OCCURRED IN DTL SYSTEM DURING THE MONTH MARCH -2015

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--------------------------------------|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 1 | 01/03/15 | 8:46 | 220KV BAWANA-DSIIDC BAWANA CKT-I | 01/03/15 | 11:35 | AT BAWANA CKT TRIPPED ON D/P, A/R. NO TRIPPING AT DSIDC BAWANA. |
| 2 | 01/03/15 | 15:45 | OKHLA 33KV OKHLA CKT-II | 04/03/15 | 20:40 | CKT TRIPPED ON 67NX,E/F. Y-PH POLE OF CKT-2 DAMAGED. |
| 3 | 01/03/15 | 15:45 | OKHLA 220/33KV 100MVA TX-IV | 01/03/15 | 15:55 | 33KV I/C-4 TRIPPED ON 86LV,E/F. Y-PH POLE OF 33KV OKHLA PH-2 CKT-2 DAMAGED. |
| 4 | 01/03/15 | 15:45 | OKHLA 220/33KV 100MVA TX-III | 01/03/15 | 15:55 | 33KV I/C-3 TRIPPED ON 86,51N,E/F. Y-PH POLE OF 33KV OKHLA PH-2 CKT-2 DAMAGED. |
| 5 | 01/03/15 | 23:05 | 220KV BAWANA-DSIIDC BAWANA CKT-II | 02/03/15 | 15:55 | AT DSIDC BAWANA CKT TRIPPED ON D/P, A-PH,VT FUSE FAILED. NO TRIPPING AT DSIDC BAWANA. TOP PHASE JUMPER SNAPPED AT TOWER NO-223. |
| 6 | 02/03/15 | 2:20 | 220KV NARAINA-RIDGE VALLEY CKT-I | 02/03/15 | 2:30 | AT RIDGE VALLEY CKT TRIPPED ON 86A&B. NO TRIPPING AT NARAINA. |
| 7 | 02/03/15 | 2:58 | 220KV NARAINA-RIDGE VALLEY CKT-I | 02/03/15 | 3:00 | AT RIDGE VALLEY CKT TRIPPED ON 86A&B. NO TRIPPING AT NARAINA. |
| 8 | 02/03/15 | 3:01 | 220KV NARAINA-RIDGE VALLEY CKT-I | 02/03/15 | 3:24 | AT RIDGE VALLEY CKT TRIPPED ON 86A&B. NO TRIPPING AT NARAINA. |
| 9 | 02/03/15 | 11:58 | 220KV WAZIRABAD - MANDOLA CKT-II | 02/03/15 | 12:42 | AT MANDOLA CKT TRIPPED WITHOUT INDICATION. NO TRIPPING AT WAZIRABAD. |
| 10 | 02/03/15 | 14:17 | GAZIPUR 66KV VIVEK VIHAR CKT-I | 02/03/15 | 14:24 | WHILE ARRANGING S/D OF 66KV BUS-1 CKT TRIPPED DUE TO PT FUSE FAILURE. |
| 11 | 02/03/15 | 14:17 | GAZIPUR 66KV KONDLI CKT-II | 02/03/15 | 14:24 | WHILE ARRANGING S/D OF 66KV BUS-1 CKT TRIPPED DUE TO PT FUSE FAILURE. |
| 12 | 02/03/15 | 14:17 | GAZIPUR 66KV KONDLI CKT-I | 02/03/15 | 14:24 | WHILE ARRANGING S/D OF 66KV BUS-1 CKT TRIPPED DUE TO PT FUSE FAILURE. |
| 13 | 03/03/15 | 2:50 | HARSH VIHAR 400/220KV 315MVA ICT-III | 03/03/15 | 13:16 | ICT TRIPPED ON 86 AND 220KV I/C-3 TRIPPED ON INTER TRIPPING. |
| 14 | 03/03/15 | 4:02 | OKHLA 220/33KV 100MVA TX-V | 03/03/15 | 4:30 | 33KV I/C-5 TRIPPED ON E/F,86. |
| 15 | 04/03/15 | 15:27 | 400KV MUNDKA-JHATIKARA CKT-II | 04/03/15 | 15:50 | AT MUNDKA CKT TRIPPED ON D/P,Z-1,R-PH,86A&B. NO TRIPPING AT JHATIKARA. |
| 16 | 04/03/15 | 15:40 | LODHI RD 33/11KV, 16MVA TX-III | 04/03/15 | 18:23 | 11KV I/C-3 TRIPPED ON B-PH, O/C, 86. |
| 17 | 04/03/15 | 16:35 | VASANT KUNJ 66KV RIDGEVALLEY CKT-I | 05/03/15 | 1:09 | CKT TRIPPED ON D/P,Z-1, RY&B-PH. SMOKE OBSERVED ON Y-PH LA. |
| 18 | 04/03/15 | 17:35 | 220KV MAHARANIBAGH-MASJID MOTH CKT-I | 04/03/15 | 17:55 | AT MASJID MOTH CKT TRIPPED WITHOUT INDICATION. NO TRIPPING AT NO TRIPPING AT MAHARANIBAGH. |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|---|
| | DATE | TIME | | DATE | TIME | |
| 19 | 04/03/15 | 17:35 | 220KV MAHARANIBAGH- MASJID MOTH CKT-II | 04/03/15 | 17:55 | AT MASJID MOTH CKT TRIPPED WITHOUT INDICATION. NO TRIPPING AT NO TRIPPING AT MAHARANIBAGH. |
| 20 | 07/03/15 | 18:50 | MASJID MOTH 220/33KV 100MVA TX-I | 07/03/15 | 21:04 | TX TRIPPED ON DIRECTIONAL O/C, E/F, 86 AND 33KV I/C-1 TRIPPED ON 86. |
| 21 | 07/03/15 | 23:42 | MASJID MOTH 220/33KV 100MVA TX-I | 08/03/15 | 17:13 | TX TRIPPED ON DIRECTIONAL O/C, E/F, 86 AND 33KV I/C-1 TRIPPED ON 86. |
| 22 | 08/03/15 | 15:18 | 220KV BAMNAULI- PAPPANKALAN-I CKT-II | 08/03/15 | 15:32 | AT PPK-1 CKT TRIPPED ON 67A, 186A&B. NO TRIPPING AT BAMNAULI |
| 23 | 08/03/15 | 18:06 | 220KV BAWANA - KANJHAWALA CKT | 08/03/15 | 18:25 | AT BAWANA CKT TRIPPED ON D/P, 86, DIST-5.30KM. NO TRIPPING AT KANJHAWALA. |
| 24 | 08/03/15 | 18:06 | 220KV KANJHAWALA- NAJAFGARH CKT | 08/03/15 | 18:38 | AT NJF CKT TRIPPED ON D/P,Z-1,AB&C-PH, DIST-6.2KM. NO TRIPPING AT KANJHAWALA. |
| 25 | 09/03/15 | 11:36 | 220KV MAHARANI BAGH - LODHI ROAD CKT-II | 09/03/15 | 17:44 | CKT MADE OFF AS SPARKING NOTED AT LINE. |
| 26 | 10/03/15 | 1:42 | LODHI RD 33/11KV, 20MVA TX-I | 10/03/15 | 1:52 | 11KV I/C-1 TRIPPED ON E/F. |
| 27 | 10/03/15 | 10:44 | 220KV KANJHAWALA- NAJAFGARH CKT-2 | 10/03/15 | 14:50 | AT KANJHAWALA CKT TRIPPED DUE TO VT FUSE FAILURE. NO TRIPPING AT NAJAFGARH. |
| 28 | 11/03/15 | 7:20 | OKHLA 220/66KV 100MVA TX-I | 11/03/15 | 7:27 | 66KV I/C-1 TRIPPED ON E/F. |
| 29 | 11/03/15 | 10:47 | 220KV WAZIRABAD - KASHMEREGATE CKT-II | 11/03/15 | 11:03 | AT SOW CKT TRIPPED WITHOUT INDICATION. NO TRIPPING AT KASHMEREGATE. |
| 30 | 11/03/15 | 21:15 | NARAINA 33/11KV, 16MVA TX-I | 11/03/15 | 21:30 | TX TRIPPED ON DIFFERENTIAL. |
| 31 | 12/03/15 | 13:35 | 220KV BAMNAULI- PAPPANKALAN-I CKT-II | 12/03/15 | 13:49 | AT PPK-1 CKT TRIPPED ON D/P,B-PH. NO TRIPPING AT BAMNAULI. |
| 32 | 13/03/15 | 9:30 | SARITA VIHAR 220/66KV 100MVA TX-I | 13/03/15 | 13:20 | TX TRIPPED ON 30ABC,30B WINDING TEMPERATURE ALARM. |
| 33 | 14/03/15 | 10:35 | 220KV GEETA COLONY- PATPARGANJ CKT -II | 14/03/15 | 10:42 | AT GEETA COLONY CKT TRIPPED ON 86. NO TRIPPING AT PATPARGANJ. |
| 34 | 15/03/15 | 12:41 | 400KV BAMNAULI- JHATIKARA CKT-II | 15/03/15 | 13:52 | AT BAMNAULI CKT TRIPPED ON 186 A&B. |
| 35 | 15/03/15 | 16:08 | 220KV MEHRAULI - VASANT KUNJ CKT. - II | 15/03/15 | 16:37 | AT VASANT KUNJ CKT TRIPPED ON 186A&B. AT MEHRAULI CKT TRIPPED ON D/P,B-PH. |
| 36 | 16/03/15 | 1:27 | 400KV BAMNAULI- JHATIKARA CKT-II | 16/03/15 | 6:13 | AT BAMNAULI CKT TRIPPED ON 186 A & B. |
| 37 | 16/03/15 | 15:25 | 400KV BAMNAULI- JHATIKARA CKT-I | 04/11/15 | 18:44 | S/D WAS AVAILED ON CKT FOR REPLACING RELAY AT 400KV BAMNAULI. AFTER CLEARANCE CKT WAS CHARGED AT 19:43 HRS BUT CKT TRIPPED ON D/P,Z-1, A-PH,DIST-335 METER. CKT STRAIGHT THROUGH JOINT BURNT AND CABLE DAMAGED. |
| 38 | 16/03/15 | 15:43 | 220KV PRAGATI - SARITA VIHAR CKT-II | 16/03/15 | 17:10 | AT PRAGATI CKT TRIPPED ON D/P,Z-1,86,DIST-6.928 KM. AT SARITA VIHAR CKT TRIPPED ON D/P, 186 A&B. |
| 39 | 18/03/15 | 18:06 | SHALIMAR BAGH 33KV WAZIR PUR CKT-II | 18/03/15 | 18:22 | CKT MADE OFF AS SPARKING OBSERVED AT LINE ISOLATORS. |
| 40 | 21/03/15 | 13:42 | 220KV SARITA VIHAR - BTPS CKT.-I | 21/03/15 | 14:12 | AT SARITA VIHAR CKT TRIPPED ON 186 A&B. NO TRIPPING AT BTPS END. |
| 41 | 21/03/15 | 13:42 | 220KV OKHLA - BTPS CKT.- I | 21/03/15 | 15:31 | AT BTPS CKT TRIPPED ON D/P,Z-2,Y-PH,DIST-8.3KM,E/F. NO TRIPPING AT OKHLA S/STN. |
| 42 | 21/03/15 | 13:42 | 220KV SARITA VIHAR - BTPS CKT.-II | 21/03/15 | 14:12 | AT SARITA VIHAR CKT TRIPPED ON 186 A&B. NO TRIPPING AT BTPS END. |
| 43 | 21/03/15 | 13:42 | 220KV OKHLA - BTPS CKT. - II | 21/03/15 | 15:31 | AT BTPS CKT TRIPPED ON D/P,Z-2,Y-PH,DIST-9.1 KM,E/F. NO TRIPPING AT OKHLA S/STN. |
| 44 | 23/03/15 | 9:28 | LODHI RD 220/33KV 100MVA TX-II | 27/03/15 | 18:17 | TX MADE OFF AS SPARKING OCCURRED AT CABLE END BOX OF 33KV I/C-2. |
| 45 | 23/03/15 | 14:05 | LODHI RD 220/33KV 100MVA TX-I | 23/03/15 | 17:45 | TX TRIPPED ON A/R,86. |
| 46 | 24/03/15 | 4:47 | 400KV BAWANA-MUNDKA CKT-I | 24/03/15 | 5:31 | AT MUNDKA CKT TRIPPED ON AUTO-RECLOSE. NO TRIPPING AT BAWANA. |
| 47 | 24/03/15 | 4:47 | 400KV BAWANA-MUNDKA CKT-II | 24/03/15 | 5:31 | AT MUNDKA CKT TRIPPED ON AUTO-RECLOSE. NO TRIPPING AT BAWANA. |
| 48 | 24/03/15 | 4:48 | 220KVBAWANA- ROHINI CKT-II | 24/03/15 | 5:05 | AT ROHINI-2 CKT TRIPPED ON D/P,Z-1,B-PH. NO TRIPPING AT BAWANA END. |

| SLN O | OCCURRENCE OF BREAK-DOWN | | DETAILS OF THE BREAKDOWN | TIME OF RESTORATION | | REMARKS |
|-------|--------------------------|-------|--|---------------------|-------|--|
| | DATE | TIME | | DATE | TIME | |
| 49 | 24/03/15 | 12:03 | 220KV DSIIDC BAWANA-NARELA CKT-I | 24/03/15 | 12:18 | AT DSIIDC BAWANA CKT TRIPPED OND/P,Z-1. NO TRIPPING AT NARELA. |
| 50 | 25/03/15 | 15:35 | 400KV BAWANA-MUNDKA CKT-I | 25/03/15 | 15:59 | AT BAWANA CKT TRIPPED DURING PROTECTION TESTING. NO TRIPPING AT MUNDKA. |
| 51 | 26/03/15 | 1:26 | GOPALPUR 33KV AZAD PUR CKT-II | 26/03/15 | 12:29 | CKT TRIPPED ON D/P,Z-1,Y-PH,E/F. Y-PH CT DAMAGED AT GOPALPUR S/STN. |
| 52 | 26/03/15 | 21:49 | 220KV BAMNAULI-NARAINA CKT-II | 26/03/15 | 22:05 | AT BAMNAULI CKT TRIPPED WITHOUT INDICATION. NO TRIPPING AT NARAINA. |
| 53 | 26/03/15 | 21:50 | 220KV BAMNAULI-PAPPANKALAN-I CKT-II | 27/03/15 | 11:46 | AT BAMNAULI CKT TRIPPED ON D/P,C-PH,186A&B. JUMPER SNAPPED AT TOWER NO-3. NO TRIPPING AT PPK-1. |
| 54 | 26/03/15 | 22:02 | INDRAPRASTHA POWER 220/33KV 100MVA TX-II | 26/03/15 | 23:14 | 33KV I/C-2 TRIPPED ON E/F. |
| 55 | 26/03/15 | 22:02 | INDRAPRASTHA POWER 220/33KV 100MVA TX-I | 26/03/15 | 22:16 | 33KV I/C-1 TRIPPED ON 86. |
| 56 | 26/03/15 | 22:35 | 220KV BAMNAULI-PAPPANKALAN-I CKT-I | 26/03/15 | 22:40 | AT PPK-1 CKT TRIPPED ON D/P,C-PH,86. NO TRIPPING AT BAMNAULI. |
| 57 | 26/03/15 | 23:10 | NAJAFGARH 220/66KV 100MVA TX-I | 27/03/15 | 1:15 | TX TRIPPED ON 30B,30C,86. |
| 58 | 27/03/15 | 6:08 | 220KV BAMNAULI-PAPPANKALAN-I CKT-I | 27/03/15 | 16:49 | AT BAMNAULI CKT TRIPPED ON D/P,186A&B. CONDUCTOR SNAPPED BETWEEN GANTARY AND TOWER OUTSIDE BAMNAULI YARD. |
| 59 | 27/03/15 | 11:46 | 220KV BAMNAULI-PAPPANKALAN-I CKT-II | 27/03/15 | 11:54 | CKT MADE OFF AT BAMNAULI AS SPARKING OCCURRED ON THE LINE. |
| 60 | 27/03/15 | 13:22 | 220KV MAHARANI BAGH - LODHI ROAD CKT-I | 27/03/15 | 13:52 | AT MAHARANIBAGH CKT TRIPPED ON D/P,Z-2,DIST-3.7KM. NO TRIPPING AT LODHI ROAD. |
| 61 | 27/03/15 | 13:40 | 400KV BAMNAULI-JHATIKARA CKT-II | 27/03/15 | 13:58 | AT BAMNAULI CKT TRIPPED ON 186. NO TRIPPING AT JHATIKARA. |
| 62 | 27/03/15 | 13:40 | 400KV BALLABHGARH-BAMNAULI CKT-II | 27/03/15 | 13:54 | AT BAMNAULI CKT TRIPPED ON 186. NO TRIPPING AT BALLABGARH. |
| 63 | 29/03/15 | 1:48 | 220KV GAZIPUR - MAHARANIBAGH CKT. -II | 29/03/15 | 2:58 | AT MAHARANIBAGH CKT TRIPPED ON D/P,Z-1,B-PH,DIST-6.0KM. AT GAZIPUR CKT TRIPPED ON O/C,E/F. |
| 64 | 29/03/15 | 1:48 | 220KV GAZIPUR - MAHARANIBAGH CKT. -I | 29/03/15 | 12:02 | AT MAHARANIBAGH CKT TRIPPED ON D/P,Z-1,B-PH,DIST-8.0KM, E/F. NO TRIPPING AT GAZIPUR. |
| 65 | 29/03/15 | 9:10 | 220KV WAZIRABAD - MANDOLA CKT-III | 29/03/15 | 9:50 | AT WZB CKT TRIPPED ON D/P,Z-1,RY&B-PH. AT MANDOLA CKT TRIPPED ON D/P,Z-1,DIST-12.77KM. |
| 66 | 29/03/15 | 9:10 | 220KV WAZIRABAD - MANDOLA CKT-I | 29/03/15 | 10:02 | AT WZB CKT TRIPPED ON D/P,Z-1,DIST-1.1KM. AT MANDOLA CKT TRIPPED ON D/P,DIST-12.49 KM. |
| 67 | 29/03/15 | 12:40 | PARKSTREET 220/66KV 100MVA TX-I | 29/03/15 | 16:37 | TX TRIPPED ON E/F,86. 66KV I/C-1 TRIPPED ON 95B. |
| 68 | 30/03/15 | 2:48 | 220KV NARAINA-RIDGE VALLEY CKT-I | 30/03/15 | 8:14 | AT RIDGE VALLEY CKT TRIPPED ON 86. NO TRIPPING AT NARAINA. |
| 69 | 30/03/15 | 7:39 | GEETA COLONY 220/33KV 100MVA TX-II | 30/03/15 | 7:54 | TX TRIPPED ON 30B,30E,86 AND 33KV I/C-2 TRIPPED ON O/C,E/F. HEAVY FLASH OBSERVED ON R-PH CT OF 33KV KAILASH NAGAR CKT-2. |
| 70 | 30/03/15 | 7:39 | GEETA COLONY 33KV KAILASH NAGAR CKT-II | 30/03/15 | 17:46 | HEAVY FLASH OCCURRED ON R-PH CT OF CKT. |
| 71 | 30/03/15 | 8:26 | BAWANA 400/220KV 315MVA ICT-III | 30/03/15 | 9:40 | ICT TRIPPED ON 86B-1,GROUP-A,97,95-B1,30H,30S AND 220KV I/C-3 TRIPPED ON INTER TRIPPING. |
| 72 | 31/03/15 | 15:42 | SHALIMAR BAGH 33/11KV, 20MVA TX | 31/03/15 | 21:22 | TX TRIPPED ON BUCHHOLZ RELAY. |