



**National Load Despatch Centre**  
**पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड**  
**POWER SYSTEM OPERATION CORPORATION LIMITED**

(A wholly owned subsidiary of POWERGRID)

CIN No.: U40105DL2009GOI188682

B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016

Ref: POSOCO/NLDC/SO/Weekly Report

Date: 30<sup>th</sup> December 2016

To,

1. महाप्रबंधक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड, कोलकाता - 700033  
General Manager, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
2. महाप्रबंधक, ऊ. क्षे. भा. प्रे. के., 18/ ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016  
General Manager, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi - 110016
3. महाप्रबंधक, प. क्षे. भा. प्रे. के., एफ-3, एम आई डी सी क्षेत्र, अंधेरी, मुंबई - 400093  
General Manager, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
4. महाप्रबंधक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिह, लोअर नोंग्रह, लापालंग, शिलोंग - 793006  
General Manager, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
5. महाप्रबंधक, द. क्षे. भा. प्रे. के., 29, रेस कोर्स क्रॉस रोड, बंगलुरु - 560009  
General Manager, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Weekly Status Report 19<sup>th</sup> December to 25<sup>th</sup> December 2016.

महोदय/Dear Sir,

आई०ई०जी०सी०-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, 19 दिसंबर से 25 दिसंबर 2016, सप्ताह की अखिल भारतीय प्रणाली की ग्रिड निष्पादन रिपोर्ट रा०भा०प्रे०के० की वेबसाइट पर उपलब्ध है

As per article 5.5.1 of the Indian Electricity Grid Code, the weekly status report pertaining power supply position report of All India Power System for the week 19<sup>th</sup> December to 25<sup>th</sup> December 2016, is available at the NLDC website.

Thanking You.

Yours faithfully,

for DGM (SO)

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड  
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (19 दिसंबर से 25 दिसंबर - 2016 तक)  
(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

रिपोर्टिंग तिथि:- 30-Dec-16

1. अधिकतम मांग आपूर्ति और अधिकतम कमी (मे०वा०)

| क्षेत्र    | उत्तरी क्षेत्र      |            | पश्चिमी क्षेत्र     |            | दक्षिणी क्षेत्र     |            | पूर्वी क्षेत्र      |            | पूर्वोत्तर क्षेत्र  |            | कुल                 |            |
|------------|---------------------|------------|---------------------|------------|---------------------|------------|---------------------|------------|---------------------|------------|---------------------|------------|
|            | अधिकतम मांग आपूर्ति | अधिकतम कमी | अधिकतम मांग आपूर्ति | अधिकतम कमी | अधिकतम मांग आपूर्ति | अधिकतम कमी | अधिकतम मांग आपूर्ति | अधिकतम कमी | अधिकतम मांग आपूर्ति | अधिकतम कमी | अधिकतम मांग आपूर्ति | अधिकतम कमी |
|            | (मे०वा०)            | (मे०वा०)   | (मे०वा०)            | (मे०वा०)   | (मे०वा०)            | (मे०वा०)   | (मे०वा०)            | (मे०वा०)   | (मे०वा०)            | (मे०वा०)   | (मे०वा०)            | (मे०वा०)   |
| 19-12-2016 | 41389               | 760        | 43375               | 22         | 34762               |            | 16329               |            | 2225                | 31         | 138080              | 813        |
| 20-12-2016 | 42125               | 437        | 43644               |            | 35440               |            | 16002               | 200        | 2247                | 35         | 139458              | 672        |
| 21-12-2016 | 41776               | 650        | 43670               | 11         | 36079               |            | 16351               | 300        | 2254                | 46         | 140130              | 1007       |
| 22-12-2016 | 41671               | 522        | 43373               | 33         | 36750               |            | 16466               | 507        | 2213                | 36         | 140473              | 1098       |
| 23-12-2016 | 41481               | 852        | 42832               |            | 36458               |            | 16713               | 523        | 2318                | 17         | 139802              | 1392       |
| 24-12-2016 | 42324               | 879        | 41916               | 11         | 35700               |            | 16077               | 400        | 2291                | 31         | 138309              | 1321       |
| 25-12-2016 | 40344               | 859        | 41916               | 11         | 33249               |            | 16302               | 400        | 2195                | 43         | 134006              | 1313       |

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०यू०)

| क्षेत्र / तिथि | उत्तरी क्षेत्र |                 | पश्चिमी क्षेत्र |                 | दक्षिणी क्षेत्र |                 | पूर्वी क्षेत्र |                 | पूर्वोत्तर क्षेत्र |                 | कुल           |                 |
|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|-----------------|--------------------|-----------------|---------------|-----------------|
|                | ऊर्जा आपूर्ति  | पनबिजली उत्पादन | ऊर्जा आपूर्ति   | पनबिजली उत्पादन | ऊर्जा आपूर्ति   | पनबिजली उत्पादन | ऊर्जा आपूर्ति  | पनबिजली उत्पादन | ऊर्जा आपूर्ति      | पनबिजली उत्पादन | ऊर्जा आपूर्ति | पनबिजली उत्पादन |
|                | (मि०यू०)       | (मि०यू०)        | (मि०यू०)        | (मि०यू०)        | (मि०यू०)        | (मि०यू०)        | (मि०यू०)       | (मि०यू०)        | (मि०यू०)           | (मि०यू०)        | (मि०यू०)      | (मि०यू०)        |
| 19-12-2016     | 849            | 95              | 1005            | 41              | 796             | 32              | 300            | 22              | 38                 | 11              | 2988          | 201             |
| 20-12-2016     | 864            | 96              | 1013            | 46              | 808             | 38              | 306            | 23              | 39                 | 11              | 3029          | 214             |
| 21-12-2016     | 875            | 99              | 1016            | 48              | 835             | 38              | 312            | 24              | 39                 | 11              | 3077          | 220             |
| 22-12-2016     | 860            | 97              | 1018            | 44              | 842             | 35              | 313            | 23              | 38                 | 11              | 3071          | 209             |
| 23-12-2016     | 859            | 100             | 1022            | 48              | 849             | 39              | 315            | 22              | 39                 | 11              | 3084          | 220             |
| 24-12-2016     | 856            | 101             | 1009            | 40              | 840             | 36              | 313            | 23              | 39                 | 11              | 3057          | 211             |
| 25-12-2016     | 828            | 101             | 1009            | 40              | 788             | 26              | 308            | 25              | 38                 | 11              | 2970          | 202             |

3. आवृत्ति (प्रतिशत समय में)

| तिथि       | 49.8-49.9   | <49.9       | 49.9-50.05  | >50.05      | Average     | FVI         |
|------------|-------------|-------------|-------------|-------------|-------------|-------------|
|            | ऑ० ई० ग्रिड | ऑ० ई० ग्रिड | ऑ० ई० ग्रिड | ऑ० ई० ग्रिड | ऑ० ई० ग्रिड | ऑ० ई० ग्रिड |
| 19-12-2016 | 6.24        | 6.24        | 73.76       | 20.00       | 50.00       | 0.037       |
| 20-12-2016 | 8.55        | 8.63        | 69.77       | 21.60       | 49.99       | 0.045       |
| 21-12-2016 | 8.04        | 8.23        | 71.05       | 20.72       | 49.99       | 0.045       |
| 22-12-2016 | 3.25        | 3.25        | 72.21       | 24.54       | 50.01       | 0.039       |
| 23-12-2016 | 6.20        | 6.35        | 69.97       | 23.68       | 50.00       | 0.047       |
| 24-12-2016 | 3.36        | 3.37        | 68.59       | 28.04       | 50.01       | 0.042       |
| 25-12-2016 | 5.67        | 5.67        | 65.35       | 28.98       | 50.01       | 0.046       |

\*NEW & SR grid running in synchronisation.

4. NEW ELEMENTS COMMISSIONED

|   |
|---|
| 1. 400 kV Alipurduar-Bongaigaon I & II first time charged on 22.12.16 at 2049 hrs and 2143 hrs respectively (LILO of 400 kV Binaguri-Bongaigaon III & IV at Alipurduar) |
| 2. 765 kV Durg-Champa II first time charged on 23.12.16 at 1948 hrs   |

### 5. Maximum Demand Met during the day & Peak Hour Shortage in States (in MW)

| Region     | Date              | 19-12-2016                     |                  | 20-12-2016                     |                  | 21-12-2016                     |                  | 22-12-2016                     |                  | 23-12-2016                     |                  | 24-12-2016                     |                  | 25-12-2016                     |                  |
|------------|-------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|
|            | States            | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage | Max. Demand Met during the day | Peak hr Shortage |
| NR         | Punjab            | 5404                           | 0                | 5397                           | 0                | 5511                           | 0                | 5505                           | 0                | 5451                           | 0                | 5329                           | 0                | 4684                           | 0                |
|            | Haryana           | 6459                           | 0                | 6086                           | 0                | 6179                           | 0                | 6422                           | 0                | 6395                           | 0                | 6310                           | 0                | 5832                           | 0                |
|            | Rajasthan         | 9236                           | 176              | 9619                           | 0                | 9663                           | 0                | 9531                           | 155              | 9499                           | 95               | 9499                           | 0                | 9239                           | 433              |
|            | Delhi             | 3343                           | 0                | 3387                           | 0                | 3471                           | 0                | 3302                           | 0                | 3531                           | 0                | 3276                           | 0                | 3361                           | 0                |
|            | UP                | 12613                          | 0                | 13088                          | 10               | 12849                          | 120              | 12617                          | 10               | 12578                          | 510              | 13553                          | 0                | 13482                          | 0                |
|            | Uttarakhand       | 1811                           | 0                | 1835                           | 0                | 1824                           | 0                | 1833                           | 0                | 1846                           | 0                | 1800                           | 0                | 1577                           | 0                |
|            | HP                | 1399                           | 0                | 1385                           | 0                | 1407                           | 27               | 1390                           | 0                | 1378                           | 0                | 1345                           | 0                | 1163                           | 0                |
|            | J&K               | 1814                           | 454              | 1748                           | 437              | 1754                           | 439              | 1429                           | 357              | 1687                           | 422              | 1782                           | 446              | 1724                           | 431              |
| Chandigarh | 195               | 0                              | 203              | 0                              | 216              | 0                              | 202              | 0                              | 208              | 0                              | 198              | 0                              | 168              | 0                              |                  |
| WR         | Chhattisgarh      | 3133                           | 0                | 3127                           | 0                | 3121                           | 0                | 3114                           | 0                | 3187                           | 0                | 3154                           | 0                | 3144                           | 0                |
|            | Gujarat           | 12930                          | 0                | 12754                          | 0                | 12648                          | 0                | 12778                          | 0                | 13222                          | 0                | 13021                          | 0                | 12920                          | 0                |
|            | MP                | 11084                          | 0                | 11344                          | 0                | 9884                           | 0                | 9945                           | 0                | 11363                          | 0                | 11262                          | 0                | 11465                          | 0                |
|            | Maharashtra       | 20023                          | 0                | 20154                          | 0                | 20077                          | 0                | 20211                          | 0                | 19750                          | 0                | 19965                          | 0                | 19152                          | 8                |
|            | Goa               | 366                            | 0                | 415                            | 0                | 517                            | 0                | 505                            | 0                | 427                            | 0                | 410                            | 0                | 364                            | 0                |
|            | DD                | 231                            | 0                | 284                            | 0                | 291                            | 0                | 264                            | 0                | 292                            | 0                | 287                            | 0                | 261                            | 0                |
|            | DNH               | 697                            | 0                | 698                            | 0                | 697                            | 0                | 701                            | 0                | 662                            | 0                | 699                            | 0                | 680                            | 0                |
|            | Essar steel       | 453                            | 0                | 444                            | 0                | 504                            | 0                | 468                            | 0                | 782                            | 0                | 805                            | 0                | 517                            | 0                |
| SR         | Andhra Pradesh    | 6300                           | 0                | 6467                           | 0                | 6737                           | 0                | 6625                           | 0                | 6824                           | 0                | 6717                           | 0                | 6413                           | 0                |
|            | Telangana         | 7482                           | 0                | 7565                           | 0                | 7476                           | 0                | 7768                           | 0                | 7831                           | 0                | 7616                           | 0                | 7473                           | 0                |
|            | Karnataka         | 8742                           | 0                | 8548                           | 0                | 8842                           | 0                | 9000                           | 0                | 9062                           | 0                | 9186                           | 0                | 8936                           | 0                |
|            | Kerala            | 3470                           | 0                | 3527                           | 0                | 3469                           | 0                | 3528                           | 0                | 3460                           | 0                | 3390                           | 0                | 3006                           | 0                |
|            | Tamil Nadu        | 12105                          | 0                | 12173                          | 0                | 12846                          | 0                | 12965                          | 0                | 13075                          | 0                | 13015                          | 0                | 11633                          | 0                |
|            | Pondy             | 292                            | 0                | 308                            | 0                | 313                            | 0                | 307                            | 0                | 313                            | 0                | 307                            | 0                | 248                            | 0                |
| ER         | Bihar             | 3504                           | 0                | 3364                           | 0                | 3372                           | 0                | 3539                           | 300              | 3539                           | -300             | 3473                           | 200              | 3571                           | 400              |
|            | DVC               | 2601                           | 0                | 2525                           | 0                | 2983                           | 0                | 2745                           | 0                | 2745                           | 0                | 2376                           | 0                | 2609                           | 0                |
|            | Jharkhand         | 1122                           | 0                | 1077                           | 0                | 1114                           | 0                | 1126                           | 0                | 1126                           | 0                | 1102                           | 200              | 1103                           | 0                |
|            | Odisha            | 3762                           | 0                | 3658                           | 0                | 3727                           | 0                | 3846                           | 0                | 3846                           | 0                | 4251                           | 0                | 3830                           | 0                |
|            | West Bengal       | 6053                           | 0                | 6265                           | 0                | 6333                           | 0                | 6346                           | 0                | 6346                           | 0                | 6103                           | 0                | 5674                           | 0                |
|            | Sikkim            | 89                             | 0                | 87                             | 0                | 88                             | 0                | 90                             | 0                | 90                             | 0                | 87                             | 0                | 83                             | 0                |
| NER        | Arunachal Pradesh | 92                             | 5                | 98                             | 1                | 97                             | 2                | 82                             | 3                | 109                            | 1                | 114                            | 1                | 130                            | 2                |
|            | Assam             | 1357                           | 10               | 1375                           | 10               | 1375                           | 14               | 1375                           | 6                | 1375                           | 3                | 1372                           | 9                | 1323                           | 24               |
|            | Manipur           | 146                            | 0                | 135                            | 1                | 137                            | 4                | 137                            | 1                | 138                            | 1                | 138                            | 1                | 138                            | 1                |
|            | Meghalaya         | 263                            | 0                | 270                            | 0                | 270                            | 0                | 275                            | 0                | 310                            | 0                | 281                            | 0                | 251                            | 0                |
|            | Mizoram           | 86                             | 1                | 85                             | 1                | 85                             | 1                | 85                             | 3                | 88                             | 1                | 87                             | 2                | 70                             | 2                |
|            | Nagaland          | 95                             | 0                | 95                             | 3                | 95                             | 3                | 88                             | 2                | 102                            | 1                | 98                             | 1                | 92                             | 2                |
|            | Tripura           | 201                            | 0                | 207                            | 0                | 217                            | 0                | 193                            | 0                | 206                            | 1                | 215                            | 2                | 203                            | 1                |

## 6. Energy Consumption in States (MUs)

| Region                 | States            | 19-12-2016    | 20-12-2016    | 21-12-2016    | 22-12-2016    | 23-12-2016    | 24-12-2016    | 25-12-2016    |
|------------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| NR                     | Punjab            | 102.0         | 103.3         | 104.1         | 103.1         | 104.3         | 102.9         | 92.2          |
|                        | Haryana           | 117.5         | 117.4         | 120.5         | 122.3         | 118.2         | 116.1         | 109.4         |
|                        | Rajasthan         | 199.9         | 209.5         | 209.3         | 210.2         | 207.1         | 204.1         | 206.0         |
|                        | Delhi             | 58.2          | 59.6          | 61.1          | 58.6          | 61.6          | 56.7          | 55.1          |
|                        | UP                | 273.5         | 276.4         | 277.3         | 274.9         | 269.0         | 277.3         | 272.8         |
|                        | Uttarakhand       | 32.5          | 33.3          | 33.4          | 34.0          | 33.5          | 32.4          | 28.8          |
|                        | HP                | 24.6          | 25.2          | 26.8          | 26.4          | 26.6          | 26.2          | 23.7          |
|                        | J&K               | 37.0          | 35.7          | 38.5          | 26.8          | 35.1          | 37.0          | 36.5          |
| Chandigarh             | 3.5               | 3.5           | 3.6           | 3.6           | 3.5           | 3.4           | 3.0           |               |
| WR                     | Chhattisgarh      | 65.3          | 67.7          | 68.3          | 67.9          | 72.4          | 70.1          | 70.1          |
|                        | Gujarat           | 273.6         | 274.6         | 271.6         | 275.9         | 280.0         | 277.9         | 277.9         |
|                        | MP                | 221.2         | 221.6         | 222.2         | 222.0         | 224.4         | 217.9         | 217.9         |
|                        | Maharashtra       | 408.1         | 410.6         | 412.8         | 411.6         | 404.5         | 402.2         | 402.2         |
|                        | Goa               | 7.7           | 8.3           | 8.6           | 8.6           | 8.7           | 8.4           | 8.4           |
|                        | DD                | 4.0           | 5.6           | 6.4           | 6.4           | 6.4           | 6.5           | 6.5           |
|                        | DNH               | 15.7          | 15.8          | 15.9          | 15.9          | 15.1          | 15.7          | 15.7          |
|                        | Essar steel       | 9.4           | 8.6           | 10.0          | 9.8           | 10.5          | 10.2          | 10.2          |
| SR                     | Andhra Pradesh    | 136.2         | 138.8         | 142.3         | 140.6         | 142.7         | 141.8         | 138.6         |
|                        | Telangana         | 147.0         | 148.3         | 148.6         | 150.3         | 150.8         | 150.0         | 145.2         |
|                        | Karnataka         | 183.9         | 186.8         | 191.6         | 195.4         | 195.8         | 194.6         | 178.6         |
|                        | Kerala            | 64.0          | 64.8          | 66.5          | 67.4          | 67.4          | 64.9          | 58.2          |
|                        | Tamil Nadu        | 258.7         | 262.8         | 280.0         | 281.8         | 286.4         | 282.0         | 261.7         |
|                        | Pondy             | 5.8           | 6.1           | 6.3           | 6.1           | 6.2           | 6.2           | 6.0           |
| ER                     | Bihar             | 59.6          | 60.5          | 58.6          | 64.8          | 64.8          | 61.1          | 60.7          |
|                        | DVC               | 61.7          | 59.8          | 62.0          | 63.6          | 62.7          | 62.5          | 61.8          |
|                        | Jharkhand         | 21.3          | 22.4          | 22.7          | 21.6          | 24.2          | 23.6          | 20.0          |
|                        | Odisha            | 64.6          | 62.4          | 64.3          | 63.0          | 62.7          | 64.6          | 68.2          |
|                        | West Bengal       | 91.2          | 99.2          | 103.1         | 98.9          | 99.0          | 99.8          | 95.7          |
|                        | Sikkim            | 1.7           | 1.6           | 1.8           | 1.5           | 1.6           | 1.3           | 1.6           |
| NER                    | Arunachal Pradesh | 2.3           | 2.3           | 2.0           | 2.0           | 2.0           | 1.9           | 1.8           |
|                        | Assam             | 21.7          | 22.3          | 22.4          | 22.2          | 23.1          | 22.0          | 21.2          |
|                        | Manipur           | 2.5           | 2.6           | 2.5           | 2.5           | 2.1           | 2.1           | 2.1           |
|                        | Meghalaya         | 4.6           | 4.7           | 4.7           | 4.8           | 4.8           | 5.2           | 5.8           |
|                        | Mizoram           | 1.5           | 1.5           | 1.6           | 1.6           | 1.6           | 1.6           | 1.3           |
|                        | Nagaland          | 2.2           | 2.2           | 2.2           | 2.1           | 1.9           | 1.8           | 1.5           |
|                        | Tripura           | 3.0           | 3.2           | 3.2           | 2.8           | 3.2           | 4.6           | 4.3           |
| <b>ALL INDIA TOTAL</b> |                   | <b>2987.2</b> | <b>3029.0</b> | <b>3076.8</b> | <b>3070.9</b> | <b>3083.8</b> | <b>3056.7</b> | <b>2970.6</b> |

पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड  
राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (19 दिसंबर से 25 दिसंबर - 2016 तक)  
(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

7. अंतर्क्षेत्रीय विनिमय [प्रथम क्षेत्र से द्वितीय क्षेत्र को आयात (+) / निर्यात (-) ]

| दिनांक              | 19-12-2016 | 20-12-2016 | 21-12-2016 | 22-12-2016 | 23-12-2016 | 24-12-2016 | 25-12-2016 |
|---------------------|------------|------------|------------|------------|------------|------------|------------|
| East to North       | -75.6      | -75.6      | -72.2      | -79.2      | -75.0      | -71.9      | -61.8      |
| East to West        | -3.0       | -2.9       | 1.9        | -3.9       | -8.0       | -13.1      | -16.0      |
| East to South       | -58.4      | -52.6      | -47.4      | -57.5      | -58.0      | -54.0      | -41.7      |
| East to North-East  | 7.0        | 6.9        | 7.1        | 7.8        | 6.0        | 6.1        | 4.8        |
| North to North-East | 12.0       | 12.0       | 12.2       | 12.3       | 12.1       | 12.0       | 12.1       |
| West to North       | -123.5     | -126.1     | -134.4     | -133.2     | -130.3     | -136.8     | -134.6     |
| West to South       | -71.8      | -70.0      | -60.5      | -63.5      | -65.3      | -66.5      | -66.5      |

**भूटान , नेपाल एव बांग्लादेश के साथ अंतरराष्ट्रीय विद्युत विनिमय INTERNATIONAL  
EXCHANGE WITH BHUTAN, NEPAL AND BANGLADESH**

**साप्ताहिक रिपोर्ट (19 दिसंबर से 25 दिसंबर - 2016 तक)**

अंतरराष्ट्रीय विद्युत विनिमय [भारत से दूसरे देश को आयात (+) / निर्यात (-)] Transnational Exchange from India (Import=(+ve) /Export =(-ve))

| दिनांक Date | भूटान BHUTAN            |                  | नेपाल NEPAL             |               |                  | बांग्लादेश BANGLADESH   |               |                  |
|-------------|-------------------------|------------------|-------------------------|---------------|------------------|-------------------------|---------------|------------------|
|             | Energy Exchange (In MU) | Day Average (MW) | Energy Exchange (In MU) | Day Peak (MW) | Day Average (MW) | Energy Exchange (In MU) | Day Peak (MW) | Day Average (MW) |
| 19-12-2016  | 6.4                     | 265              | -6.6                    | -301          | -274             | -11.8                   | -590          | -490             |
| 20-12-2016  | 7.3                     | 306              | -6.7                    | -317          | -280             | -11.6                   | -560          | -483             |
| 21-12-2016  | 7.0                     | 294              | -6.8                    | -321          | -283             | -12.2                   | -571          | -506             |
| 22-12-2016  | 6.5                     | 271              | -5.7                    | -226          | -239             | -12.0                   | -546          | -499             |
| 23-12-2016  | 7.1                     | 297              | -6.7                    | -306          | -278             | -12.1                   | -584          | -505             |
| 24-12-2016  | 7.1                     | 294              | -4.6                    | -210          | -190             | -13.6                   | -591          | -567             |
| 25-12-2016  | 6.6                     | 275              | -4.9                    | -213          | -203             | -8.8                    | -591          | -367             |
| कुल Total   | 48.0                    |                  | -41.9                   |               |                  | -82.0                   |               |                  |

### 8). Major Grid Incidences (Provisional):-

| S.No. | Region | Name of Elements   | Owner / Agency     | Outage     |       | Revival    |       | Outage Duration | Event   | Generation Loss(MW) | Load Loss(MW)                            | Category as per CEA Grid |
|-------|--------|--|--------------------|------------|-------|------------|-------|-----------------|---|---------------------|--|--------------------------|
|       |        |  |                    | Date       | Time  | Date       | Time  | Time            |   |                     |  |                          |
| 1     | SR     | 1) 220kV Peenya-Nelamangala-II<br>2) 220kV Peenya-Nelamangala-I<br>3)220kV Peenya-Hebbal<br>4) 220kV Peenya-NRS<br>5) 220kV Peenya-Rajajinagar<br>6)150MVA ICT-II & IV<br>7) 220kV Peenya-Neelamangala-III & IV<br>8)220kV 8) 220kV Peenya-Subramanyapura<br>9)150MVA ICT-3, 67.5MVA ICT-1   | KPTCL              | 19.12.2016 | 23:03 | 20.12.2016 | 00:30 | 01:27           | Tripping started with failure of Y-phase CT of 220kV side(HV). Failure of HV side CT resulted in bus fault. In the absence of bus bar protection, fault got cleared by tripping of source lines at Nelamagala.  |                     | 350                                      | GD-I                     |
| 2     | NER    | 1) 132 kV AGTCCPP- Kumarghat<br>2) 132 kV Palatana- Suryamaninagar<br>3) 132 kV Baramura- Jirania<br>4) 132 kV Suryamaninagar-Comilla<br>5) AGCTPP UNITS<br>6) Monarchak Units   | Tripura/Bangladesh | 20.12.2016 | 15:33 | 20.12.16   | 16:19 | 00:46           | The Tripping of the lines given in column C led to the isolation of Tripura with AGTCCPP with reduced generation(40 MW).There was a Generation loss of around 174 MW at AGTCCPP (77 MW), Monarchak( 67MW) and Tripura state Generation( 30MW).Restoration/Synchronisation of isolated system was delayed due to 132 kV Bus-Coupler Breaker problem at Palatana . & Y-Ph CT Jumper opening of 132 kV AGTCCPP- Kumarghat at Kumarghat.  | 174                 | 100(Tripura side)<br>68(Bangladesh side) | GD-I                     |
| 3     | NR     | 1) 400kV Uri I-Wagoora ckt 1&2<br>2) 400kV Uri I-Uri II ckt<br>3) 400kV Uri II-Wagoora ckt<br>4) 400kV Wagoora-New Wanpoh ckt-1&2<br>5) 220kV Wagoora-Zainakote ckt-1&2<br>6) 220kV Wagoora-Pampore ckt-1&2<br>7) 400kV Kishenpur-New Wanpoh ckt-1&2<br>8) 400kV Kishenpur-Samba ckt-1&2<br>9) 400kV Kishenpur-Moga ckt-1<br>10) 400kV Kishenpur-Chamera II<br>11) 400kV Kishenpur-Baglihar ckt-1&2<br>12) 220kV Kishenpur-Ramban-Mirbazar<br>13) 220kV Kishenpur-Mirbazar<br>14) 400kV Jalandhar-Samba ckt-1&2<br>15) 400kV Chamera I-Chamera II<br>16) 400kV Chamera I-Jalandhar ckt-1 | PG/NHPC/J &K       | 23.12.2016 | 01:23 | 23.12.2016 | 03:27 | 02:04           | All 220kV feeder of Kashmir valley connected to Wagoora station (220kV Wagoora-Pampore double circuit and 220kV Wagoora-Zaiankote double circuit) unloaded. It resulted into increased in the loading at 220kV Kishenpur-Ramban and Kishenpur-Mirbazar. 220kV Kishenpur-Ramban and Kishenpur-Mirbazar circuit tripped on cascade. Multiple 400kV elements connected to Kishenpur, Wagoora, New Wanpoh also tripped on over voltage protection or DT received from remote end. | 300                 | 1100                                     | GD-I                     |
| 4     | SR     | 1) 220 KV Durshed-Malayally-D/C<br>2) 220 kV Durshed-Siddipet-D/C<br>3) 220 kV Durshed-Warangal-D/C<br>4) 220/132 kV ICT at Durshed  | AP                 | 23.12.2016 | 12:19 | 23.12.2016 | 12:50 | 00:31           | Busbar protection operated at 220 kV Durshed station and elements given in column C tripped.  |                     | 250                                      | GD-I                     |