



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

(A Govt. of India Enterprise)

CIN No.: U40105DL2009GOI188682

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

Ref:POSOCO/NLDC/SO/Weekly Report

Date:3<sup>rd</sup> February 2017

To,

1. महाप्रबंधक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड , कोलकाता - 700033  
General Manager, ERLDC, 14 Golf Club Road, Tolleygunge, 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 , लापलंग, 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 23<sup>rd</sup> January to 29<sup>th</sup> January 2017.

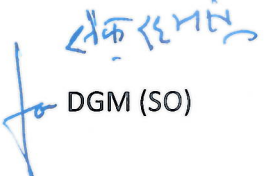
महोदय/Dear Sir,

आईईजीसी-2010 की धारा स.- 5.5.1 के प्रावधान के अनुसार, 22 जनवरी से 29 जनवरी 2017, 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 23<sup>rd</sup> January to 29<sup>th</sup> January 2017, is available at the NLDC website.

Thanking You.

Yours faithfully,

  
DG (SO)

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

साप्ताहिक रिपोर्ट (23 जनवरी से 29 जनवरी 2017 तक)  
(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

रिपोर्टिंग तिथि:- 3-Feb-17

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)   |
| 23-01-2017 | 42803               | 517        | 44284               | 111        | 36919               | 30         | 17416               | 260        | 2266                | 52         | 143688              | 970        |
| 24-01-2017 | 42945               | 487        | 45342               | 34         | 37184               |            | 17088               | 400        | 2269                | 32         | 144828              | 954        |
| 25-01-2017 | 41692               | 524        | 45183               | 34         | 37267               |            | 17108               | 105        | 2243                | 37         | 143493              | 701        |
| 26-01-2017 | 31907               | 308        | 39864               | 10         | 34136               |            | 16601               | 150        | 2218                | 14         | 124726              | 482        |
| 27-01-2017 | 38034               | 1501       | 43585               | 44         | 36501               |            | 17224               |            | 2205                | 40         | 137549              | 1585       |
| 28-01-2017 | 40618               | 514        | 44301               | 112        | 36199               |            | 17021               |            | 2272                | 65         | 140411              | 691        |
| 29-01-2017 | 38181               | 501        | 42464               | 64         | 34037               |            | 16508               |            | 2186                | 40         | 133375              | 604        |

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)        |
| 23-01-2017     | 893            | 97              | 1032            | 50              | 836             | 36              | 327            | 20              | 38                 | 11              | 3127          | 214             |
| 24-01-2017     | 901            | 97              | 1049            | 48              | 849             | 38              | 327            | 21              | 39                 | 11              | 3164          | 215             |
| 25-01-2017     | 882            | 106             | 1053            | 56              | 865             | 43              | 328            | 19              | 39                 | 11              | 3167          | 234             |
| 26-01-2017     | 692            | 107             | 973             | 41              | 812             | 35              | 324            | 17              | 38                 | 11              | 2839          | 212             |
| 27-01-2017     | 695            | 119             | 971             | 41              | 831             | 51              | 322            | 19              | 38                 | 11              | 2856          | 241             |
| 28-01-2017     | 801            | 112             | 984             | 45              | 831             | 41              | 324            | 21              | 39                 | 11              | 2978          | 230             |
| 29-01-2017     | 789            | 109             | 998             | 47              | 796             | 33              | 321            | 19              | 38                 | 11              | 2942          | 220             |

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 |
| 23-01-2017 | 6.57        | 7.43        | 67.43       | 25.14       | 50.00       | 0.048       |
| 24-01-2017 | 5.63        | 5.63        | 70.94       | 23.44       | 50.00       | 0.040       |
| 25-01-2017 | 6.22        | 6.27        | 78.29       | 15.44       | 49.99       | 0.037       |
| 26-01-2017 | 2.53        | 2.53        | 60.19       | 37.28       | 50.03       | 0.060       |
| 27-01-2017 | 9.64        | 10.19       | 61.85       | 27.96       | 50.01       | 0.072       |
| 28-01-2017 | 6.50        | 6.50        | 75.87       | 17.63       | 49.99       | 0.040       |
| 29-01-2017 | 2.18        | 2.41        | 77.30       | 20.29       | 50.00       | 0.032       |

\*NEW & SR grid running in synchronisation.

4. NEW ELEMENTS COMMISSIONED

|   |
|---|
| 1. 765/400 kV ICT-2 at Vemagiri first time charged from 400 kV side on 26.01.17 at 2105 hrs |
| 2. 765 kV Srikakulam-Vemagiri 1 first time taken into service on 27.01.17 at 1717 hrs       |
| 3. 765/400 kV ICT-1 at Vemagiri first time taken into service on 27.01.17 at 2153 hrs       |
| 4. 765 kV Bus-2 at Vemagiri first time charged on 29.01.17 at 1210 hrs                      |
| 5. 765 kV Bus Reactor 2 at Vemagiri first time charged on 29.01.17 at 1544 hrs              |

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

| Region     | Date              | 23-01-2017                     |                  | 24-01-2017                     |                  | 25-01-2017                     |                  | 26-01-2017                     |                  | 27-01-2017                     |                  | 28-01-2017                     |                  | 29-01-2017                     |                  |
|------------|-------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|--------------------------------|------------------|
|            | 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            | 5997                           | 0                | 5797                           | 0                | 4820                           | 0                | 3827                           | 0                | 4608                           | 0                | 4924                           | 0                | 4645                           | 0                |
|            | Haryana           | 6426                           | 0                | 6536                           | 0                | 6442                           | 0                | 4047                           | 0                | 5354                           | 455              | 6005                           | 0                | 5627                           | 0                |
|            | Rajasthan         | 9886                           | 0                | 10049                          | 0                | 10338                          | 0                | 7589                           | 0                | 8119                           | 450              | 8931                           | 0                | 8950                           | 0                |
|            | Delhi             | 3777                           | 0                | 3711                           | 0                | 3709                           | 0                | 3043                           | 0                | 3690                           | 0                | 3688                           | 0                | 3761                           | 0                |
|            | UP                | 13451                          | 0                | 13913                          | 0                | 13566                          | 0                | 14344                          | 0                | 11791                          | 140              | 12552                          | 0                | 12400                          | 0                |
|            | Uttarakhand       | 1940                           | 0                | 1971                           | 0                | 2023                           | 0                | 1598                           | 0                | 1785                           | 0                | 1933                           | 0                | 1854                           | 0                |
|            | HP                | 1318                           | 0                | 1368                           | 75               | 1451                           | 6                | 811                            | 0                | 1306                           | 0                | 1492                           | 0                | 1265                           | 0                |
|            | J&K               | 2068                           | 517              | 2073                           | 518              | 2355                           | 589              | 1580                           | 395              | 1900                           | 475              | 2107                           | 527              | 2043                           | 511              |
| Chandigarh | 228               | 0                              | 224              | 0                              | 224              | 0                              | 181              | 0                              | 224              | 0                              | 209              | 0                              | 197              | 0                              |                  |
| WR         | Chhattisgarh      | 3211                           | 0                | 3257                           | 0                | 3210                           | 0                | 3160                           | 0                | 3224                           | 0                | 3287                           | 0                | 3228                           | 0                |
|            | Gujarat           | 13416                          | 0                | 13502                          | 0                | 13272                          | 0                | 12427                          | 0                | 12983                          | 0                | 13290                          | 0                | 12900                          | 0                |
|            | MP                | 11376                          | 0                | 9995                           | 0                | 9994                           | 0                | 11354                          | 0                | 8651                           | 0                | 10120                          | 0                | 10392                          | 0                |
|            | Maharashtra       | 20599                          | 0                | 20511                          | 17               | 20424                          | 0                | 18234                          | 0                | 20302                          | 0                | 20082                          | 0                | 19621                          | 0                |
|            | Goa               | 523                            | 0                | 443                            | 0                | 450                            | 0                | 381                            | 0                | 449                            | 0                | 431                            | 0                | 404                            | 0                |
|            | DD                | 297                            | 0                | 306                            | 0                | 297                            | 0                | 269                            | 0                | 298                            | 0                | 269                            | 0                | 280                            | 0                |
|            | DNH               | 730                            | 0                | 737                            | 0                | 738                            | 0                | 683                            | 0                | 719                            | 0                | 726                            | 0                | 721                            | 0                |
|            | Essar steel       | 491                            | 0                | 620                            | 0                | 643                            | 0                | 759                            | 0                | 737                            | 0                | 514                            | 0                | 483                            | 0                |
| SR         | Andhra Pradesh    | 7033                           | 0                | 7109                           | 0                | 7042                           | 0                | 7106                           | 0                | 7220                           | 0                | 6968                           | 0                | 6822                           | 0                |
|            | Telangana         | 8030                           | 0                | 8097                           | 0                | 8329                           | 0                | 7829                           | 0                | 8107                           | 0                | 8173                           | 0                | 7832                           | 0                |
|            | Karnataka         | 9204                           | 0                | 9392                           | 0                | 9323                           | 0                | 9178                           | 0                | 9482                           | 0                | 9221                           | 0                | 8806                           | 0                |
|            | Kerala            | 3413                           | 0                | 3485                           | 0                | 3438                           | 0                | 3332                           | 0                | 3285                           | 0                | 3331                           | 0                | 3271                           | 0                |
|            | Tamil Nadu        | 12506                          | 0                | 13273                          | 0                | 12780                          | 0                | 11637                          | 0                | 12004                          | 0                | 11871                          | 0                | 11004                          | 0                |
|            | Pondy             | 287                            | 0                | 297                            | 0                | 294                            | 0                | 258                            | 0                | 312                            | 0                | 298                            | 0                | 259                            | 0                |
| ER         | Bihar             | 3569                           | 150              | 3516                           | 100              | 3596                           | 0                | 3598                           | 0                | 3252                           | 0                | 3437                           | 0                | 3322                           | 0                |
|            | DVC               | 2797                           | 0                | 2654                           | 0                | 2890                           | 0                | 2736                           | 0                | 2712                           | 0                | 2645                           | 0                | 2520                           | 0                |
|            | Jharkhand         | 1193                           | 0                | 1223                           | 0                | 1169                           | 0                | 1255                           | 0                | 1142                           | 0                | 1164                           | 0                | 1120                           | 0                |
|            | Odisha            | 3633                           | 0                | 3706                           | 0                | 3666                           | 0                | 3646                           | 0                | 3831                           | 0                | 3713                           | 0                | 3710                           | 0                |
|            | West Bengal       | 6674                           | 0                | 6892                           | 0                | 6894                           | 0                | 6002                           | 0                | 6817                           | 0                | 6716                           | 0                | 6333                           | 0                |
|            | Sikkim            | 88                             | 0                | 83                             | 0                | 89                             | 0                | 76                             | 0                | 87                             | 0                | 87                             | 0                | 80                             | 0                |
| NER        | Arunachal Pradesh | 105                            | 3                | 105                            | 4                | 99                             | 1                | 103                            | 0                | 116                            | 0                | 112                            | 1                | 90                             | 5                |
|            | Assam             | 1354                           | 15               | 1329                           | 17               | 1320                           | 20               | 1290                           | 0                | 1303                           | 21               | 1345                           | 47               | 1327                           | 17               |
|            | Manipur           | 144                            | 4                | 144                            | 1                | 140                            | 1                | 167                            | 1                | 158                            | 2                | 136                            | 1                | 133                            | 1                |
|            | Meghalaya         | 282                            | 0                | 298                            | 0                | 293                            | 0                | 270                            | 0                | 242                            | 0                | 293                            | 0                | 279                            | 0                |
|            | Mizoram           | 86                             | 3                | 86                             | 0                | 83                             | 1                | 80                             | 1                | 80                             | 3                | 90                             | 1                | 77                             | 1                |
|            | Nagaland          | 104                            | 5                | 105                            | 1                | 112                            | 1                | 112                            | 0                | 107                            | 3                | 102                            | 1                | 88                             | 1                |
|            | Tripura           | 214                            | 0                | 210                            | 0                | 210                            | 0                | 207                            | 1                | 211                            | 0                | 208                            | 0                | 207                            | 0                |

## 6. Energy Consumption in States (MUs)

| Region                 | States            | 23-01-2017    | 24-01-2017    | 25-01-2017    | 26-01-2017    | 27-01-2017    | 28-01-2017    | 29-01-2017    |
|------------------------|-------------------|---------------|---------------|---------------|---------------|---------------|---------------|---------------|
| NR                     | Punjab            | 108.5         | 108.0         | 93.7          | 75.6          | 84.9          | 93.3          | 86.0          |
|                        | Haryana           | 116.0         | 119.1         | 115.4         | 66.6          | 86.4          | 101.7         | 94.3          |
|                        | Rajasthan         | 208.7         | 214.1         | 210.5         | 152.5         | 156.1         | 182.8         | 190.2         |
|                        | Delhi             | 64.1          | 63.8          | 63.5          | 50.7          | 63.3          | 61.5          | 60.3          |
|                        | UP                | 286.8         | 287.4         | 286.5         | 265.4         | 206.5         | 249.3         | 254.2         |
|                        | Uttarakhand       | 35.1          | 36.1          | 35.0          | 28.2          | 33.0          | 35.1          | 33.9          |
|                        | HP                | 25.3          | 27.5          | 24.7          | 17.0          | 23.1          | 26.7          | 23.7          |
|                        | J&K               | 44.4          | 42.6          | 49.2          | 32.3          | 38.0          | 46.6          | 43.3          |
| Chandigarh             | 3.8               | 3.8           | 3.8           | 3.2           | 3.7           | 3.5           | 3.3           |               |
| WR                     | Chhattisgarh      | 73.3          | 73.7          | 74.1          | 71.7          | 73.0          | 73.9          | 73.7          |
|                        | Gujarat           | 286.3         | 291.2         | 290.8         | 273.3         | 279.6         | 281.5         | 274.5         |
|                        | MP                | 211.4         | 212.5         | 213.9         | 202.5         | 171.4         | 171.4         | 196.8         |
|                        | Maharashtra       | 420.4         | 426.7         | 427.8         | 388.4         | 406.1         | 415.2         | 410.6         |
|                        | Goa               | 9.1           | 9.2           | 9.3           | 8.2           | 9.0           | 9.2           | 9.0           |
|                        | DD                | 6.5           | 6.7           | 6.7           | 4.5           | 5.8           | 5.9           | 6.4           |
|                        | DNH               | 16.5          | 16.8          | 16.9          | 13.6          | 15.3          | 16.6          | 16.6          |
|                        | Essar steel       | 9.0           | 12.5          | 13.1          | 11.3          | 10.6          | 10.8          | 10.4          |
| SR                     | Andhra Pradesh    | 145.9         | 147.7         | 152.9         | 143.6         | 145.6         | 147.9         | 148.4         |
|                        | Telangana         | 158.4         | 159.7         | 162.8         | 155.2         | 160.8         | 161.8         | 157.4         |
|                        | Karnataka         | 198.9         | 201.5         | 202.3         | 191.6         | 198.3         | 198.2         | 190.7         |
|                        | Kerala            | 64.4          | 65.1          | 65.4          | 62.8          | 64.9          | 64.6          | 60.7          |
|                        | Tamil Nadu        | 262.1         | 268.7         | 275.6         | 253.0         | 255.3         | 252.1         | 233.8         |
|                        | Pondy             | 5.8           | 6.0           | 6.0           | 5.4           | 6.1           | 6.3           | 5.4           |
| ER                     | Bihar             | 63.2          | 64.3          | 60.2          | 63.0          | 56.2          | 58.1          | 60.5          |
|                        | DVC               | 62.6          | 62.5          | 64.1          | 64.3          | 64.7          | 63.5          | 63.0          |
|                        | Jharkhand         | 22.7          | 23.0          | 20.9          | 22.1          | 22.1          | 22.5          | 23.5          |
|                        | Odisha            | 66.5          | 64.3          | 67.4          | 68.5          | 68.0          | 67.3          | 68.2          |
|                        | West Bengal       | 110.7         | 111.5         | 113.8         | 105.0         | 109.4         | 110.6         | 104.4         |
|                        | Sikkim            | 1.4           | 1.1           | 1.5           | 1.3           | 1.6           | 1.6           | 1.5           |
| NER                    | Arunachal Pradesh | 2.2           | 2.0           | 2.0           | 2.1           | 2.0           | 2.2           | 2.1           |
|                        | Assam             | 22.1          | 22.6          | 23.1          | 21.4          | 21.2          | 22.7          | 21.6          |
|                        | Manipur           | 2.2           | 2.4           | 2.4           | 2.2           | 2.0           | 2.0           | 2.3           |
|                        | Meghalaya         | 4.9           | 4.9           | 4.8           | 4.9           | 5.1           | 5.1           | 5.1           |
|                        | Mizoram           | 1.5           | 1.5           | 1.5           | 1.4           | 1.5           | 1.1           | 1.5           |
|                        | Nagaland          | 2.1           | 1.9           | 1.9           | 2.2           | 2.2           | 2.2           | 2.2           |
|                        | Tripura           | 3.5           | 3.4           | 3.3           | 3.3           | 3.3           | 3.3           | 3.3           |
| <b>ALL INDIA TOTAL</b> |                   | <b>3126.3</b> | <b>3165.9</b> | <b>3166.7</b> | <b>2838.2</b> | <b>2856.2</b> | <b>2978.0</b> | <b>2942.7</b> |

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

साप्ताहिक रिपोर्ट (23 जनवरी से 29 जनवरी 2017 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              | 23-01-2017 | 24-01-2017 | 25-01-2017 | 26-01-2017 | 27-01-2017 | 28-01-2017 | 29-01-2017 |
|---------------------|------------|------------|------------|------------|------------|------------|------------|
| East to North       | -69.9      | -65.8      | -56.9      | -49.7      | -43.9      | -51.9      | -54.8      |
| East to West        | -8.8       | -4.9       | -0.2       | 8.0        | 4.0        | 24.7       | 21.9       |
| East to South       | -50.5      | -50.5      | -59.2      | -50.8      | -54.2      | -75.1      | -74.7      |
| East to North-East  | 7.5        | 5.9        | 5.1        | 4.8        | 6.2        | 1.5        | 3.0        |
| North to North-East | 0.0        | 12.0       | 12.1       | 12.3       | 15.7       | 11.9       | 12.1       |
| West to North       | -127.3     | -145.8     | -115.1     | -116.0     | -128.2     | -151.4     | -131.7     |
| West to South       | -62.0      | -57.8      | -65.2      | -58.6      | -65.0      | -48.5      | -47.7      |

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

**साप्ताहिक रिपोर्ट (23 जनवरी से 29 जनवरी 2017 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) |
| 23-01-2017       | 2.4                     | 102              | -6.9                    | -318          | -286             | -10.2                   | -595          | -426             |
| 24-01-2017       | 2.4                     | 100              | -8.0                    | -360          | -335             | -10.6                   | -595          | -440             |
| 25-01-2017       | 3.5                     | 145              | -8.0                    | -388          | -335             | -10.2                   | -598          | -426             |
| 26-01-2017       | 3.0                     | 125              | -7.9                    | -305          | -328             | -10.5                   | -604          | -439             |
| 27-01-2017       | 3.0                     | 126              | -7.6                    | -390          | -317             | -10.5                   | -574          | -437             |
| 28-01-2017       | 3.0                     | 125              | -6.1                    | -329          | -254             | -11.0                   | -572          | -458             |
| 29-01-2017       | 3.0                     | 126              | -7.1                    | -374          | -295             | -12.9                   | -606          | -536             |
| <b>कुल Total</b> | <b>20.4</b>             |                  | <b>-51.6</b>            |               |                  | <b>-75.8</b>            |               |                  |

### 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     | WR     | 1)400KV Nagda-Rajgarh-I<br>2)400KV Nagda-Rajgarh-II<br>3)400KV Kasor-Rajgarh-II<br>4)400KV Rajgarh Bus-1 | MP/GUJ/PG      | 27.01.2017 | 05:56 | 27.01.2017 | 06:29 | 0:33            | 400kV Nagda-Rajgarh-1 tripped on B-PHASE to Y-PHASE fault at 05:56hrs (104kms from Rajgarh, 44.66kms from Nagda) at both ends. But at Rajgarh momentarily Breaker L/O appeared and Main protection of Bus bar operated as intimated, which resulted in tripping of Bus-1 at Rajgarh. At the same time Kasor-Rajgarh-2 tripped at Kasor end only (holding through Tie bay and Bus-2 at Rajgarh) on master trip relay operation. 400kV Kasor-rajgarh-1 was in open condition prior to the event on high voltage and code was issued to charge Kasor-Rajgarh-1. Rajgarh S/S was in the process of line charging, meanwhile the event of Rajgarh Bus-1 tripping occurred.After 3 minutes, Nagda-Rajgarh-II also tripped on Y-phase fault(49kms from Rajgarh, 38.37kms from Nagda).<br>Heavy fog observed at Nagda, hence trial charging of Nagda-Rajgarh-I & II was not attempted immediately and still out.<br>Kasor-Rajgarh-II closed at kasor at 06:20hrs and as sparking observed on B-ph isolator at rajgarh end the main breaker was closed and Bus-1 at Rajgarh came into service 06:29hrs. Rajgarh ensured the bus was checked and found healthy. |                     |               | GD-I                     |