

पावर सिस्टम ऑपरेशन कॉरपोरेशन लिमिटेड

(पावरग्रिड की पूर्ण स्वामित्व प्राप्त सहायक कंपनी)

POWER SYSTEM OPERATION CORPORATION LIMITED

(A wholly owned subsidiary of POWERGRID)



पंजीकृत एवं केन्द्रीय कार्यालय: बी-9, प्रथम तल, कुतुब इंस्टीट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली-110 016
Registered & Corporate Office : B - 9, 1st Floor, Qutub Institutional Area, Katwaria Sarai, New Delhi - 110 016
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संदर्भ संख्या:-POSOCO/NLDC/GM/

दिनांक: 23.01.2016

सेवा में,

वितरण सूची के अनुसार

विषय:- निष्पादन रिपोर्ट - दिसम्बर 2015

महोदय,

आई०ई०जी०सी०-2010 के प्रावधान के अनुसार, - दिसम्बर 2015 माह की अखिल भारतीय प्रणाली की निष्पादन रिपोर्ट संलग्न है।

धन्यवाद

भवदीय


(एन. नल्लारसन)

उप महाप्रबंधक

(रा०भा०प्रे०के०)

संलग्नक: मासिक प्रणाली रिपोर्ट

वितरण सूची Distribution List

- 1 सचिव, के.वि.नि.आ. तीसरा एवं चौथा तल, चंद्रलोक भवन, 36, जनपथ, नई दिल्ली-110001
Secretary, CERC, 3rd & 4th Floor, Chanderlok Building, 36, Janpath, New Delhi-110001
- 2 मुख्य अभियंता (जी एम), के.वि.प्रा., सेवा भवन, आर. के. पुरम, नई दिल्ली-110066
Chief Engineer (GM), CEA, Sewa Bhavan, R.K.Puram, New Delhi-110066
- 3 सदस्य सचिव, उ. क्षे. वि. स., 18/ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
Member Secretary, NRPC, 18/A, SJSS Marg, Katwaria Sarai, New Delhi-110016
- 4 सदस्य सचिव, प. क्षे. वि. स., एफ-3, एम आई डी सी क्षेत्र, अंधेरी(पूर्व), मुंबई - 400093
Member Secretary, WRPC, F-3, MIDC Area, Andheri (East), Mumbai-400093
- 5 सदस्य सचिव, द. क्षे. वि. स., 29, रेस कोर्स क्रॉस रोड, बंगलूरु - 560009
Member Secretary, SRPC, 29, Race Course Cross Road, Bangalore-560009
- 6 सदस्य सचिव, पू. क्षे. वि. स., 14, गोल्फ क्लब रोड, कोलकाता - 700033
Member Secretary, ERPC, 14, Golf Club Road, Kolkata-700033
- 7 सदस्य सचिव, उ. पू. क्षे. वि. स., मेघालय राज्य आवासीय वित्त सहकारी समिति लिमिटेड भवन, नॉग्रिम हिल्स, शिलोंग - 793003
Member Secretary, NERPC, Meghalaya State Housing Finance Cooperative Society Ltd. Building, Nongrim Hills, Shillong -793003
- 8 महाप्रबंधक, पू. क्षे. भा. प्रे. के., 14, गोल्फ क्लब रोड, कोलकाता - 700033
General Manager, ERLDC, 14, Golf Club Road, Kolkata-700033
- 9 महाप्रबंधक, प. क्षे. भा. प्रे. के., एफ-3, एम आई डी सी क्षेत्र, अंधेरी(पूर्व), मुंबई - 400093
General Manager, WRLDC, F-3, MIDC Area, Andheri (East), Mumbai-400093
- 10 कार्यपालक निदेशक, उ.क्षे.भा.प्रे.के, 18/ए, शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली - 110016
Executive Director, NRLDC, 18/A, SJSS Marg, Katwaria Sarai, New Delhi-110016
- 11 कार्यपालक निदेशक, द. क्षे. भा. प्रे. के, 29, रेस कोर्स क्रॉस रोड, बंगलूरु - 560009
Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009
- 12 महाप्रबंधक, पू. क्षे. भा. प्रे. के., डोंगतिह, लोअर नॉग्रह, लापलंग, शिलोंग - 793006
General Manager, NERLDC, Dongtiah, Lower Nongrah, Laplang, Shillong-793006



POWER SYSTEM OPERATION CORPORATION LIMITED

(A wholly owned subsidiary of POWERGRID)

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

NATIONAL LOAD DESPATCH CENTRE –राष्ट्रीय भार प्रेषण केन्द्र

मासिक ऑपरेशन रिपोर्ट

Monthly
Operation Report



दिसम्बर 2015

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

POWER SYSTEM OPERATION CORPORATION LTD
NATIONAL LOAD DESPATCH CENTRE, NEW DELHI



माह दिसम्बर 2015 के लिए प्रचालन निष्पादन रिपोर्ट
OPERATIONAL PERFORMANCE REPORT FOR THE
MONTH OF DECEMBER 2015

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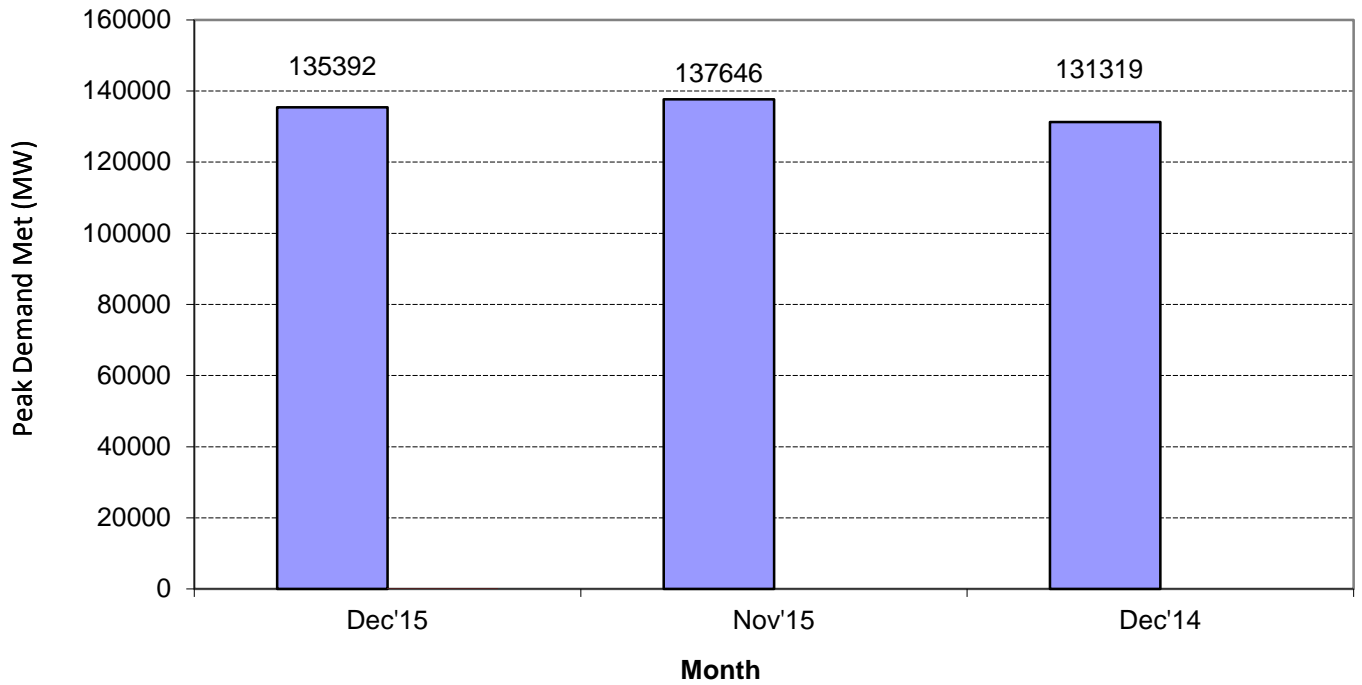
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1. SUMMARY OF REPORT FOR THE MONTH OF DECEMBER 2015

Peak Demand Met

Decreased by 1.63% as compared to Nov 2015

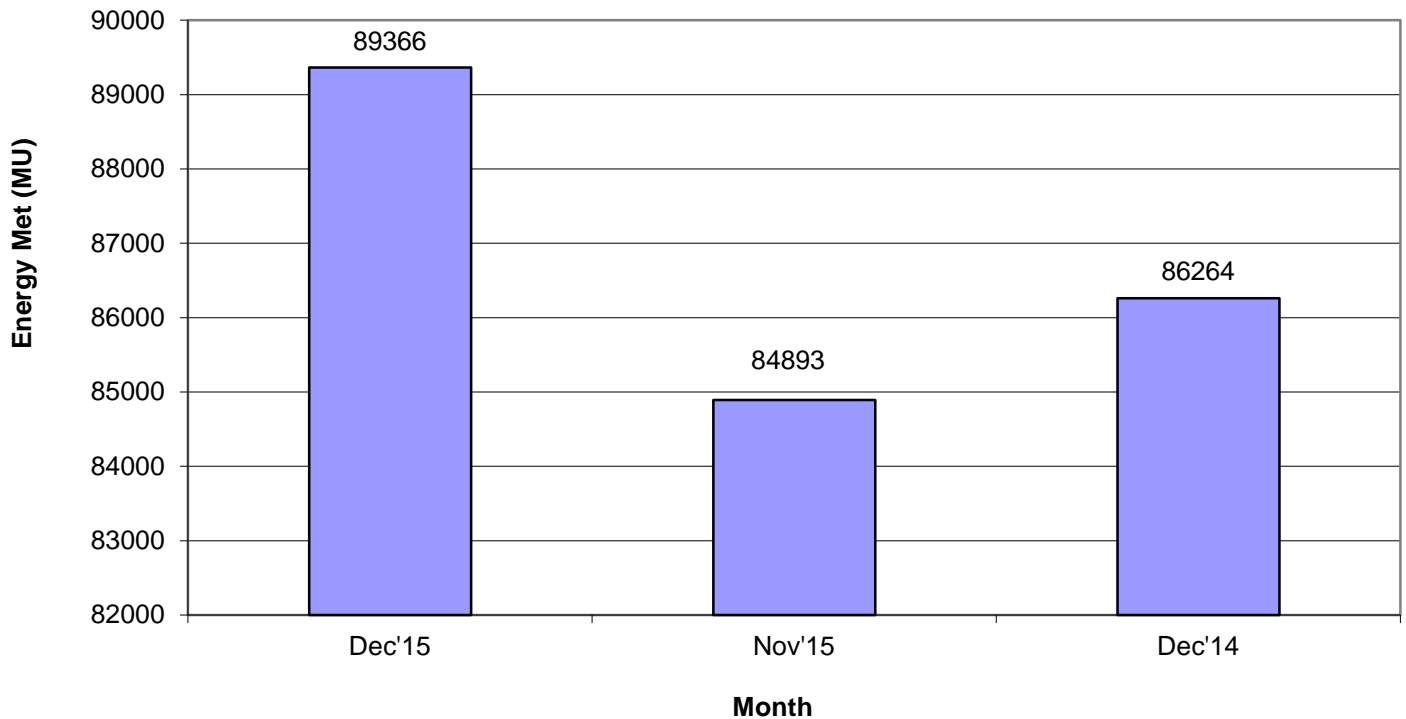
Increased by 3.10% as compared to Dec 2014



Energy Met

Increased by 5.2% as compared to Nov 2015

Increased by 3.59% as compared to Dec 2014

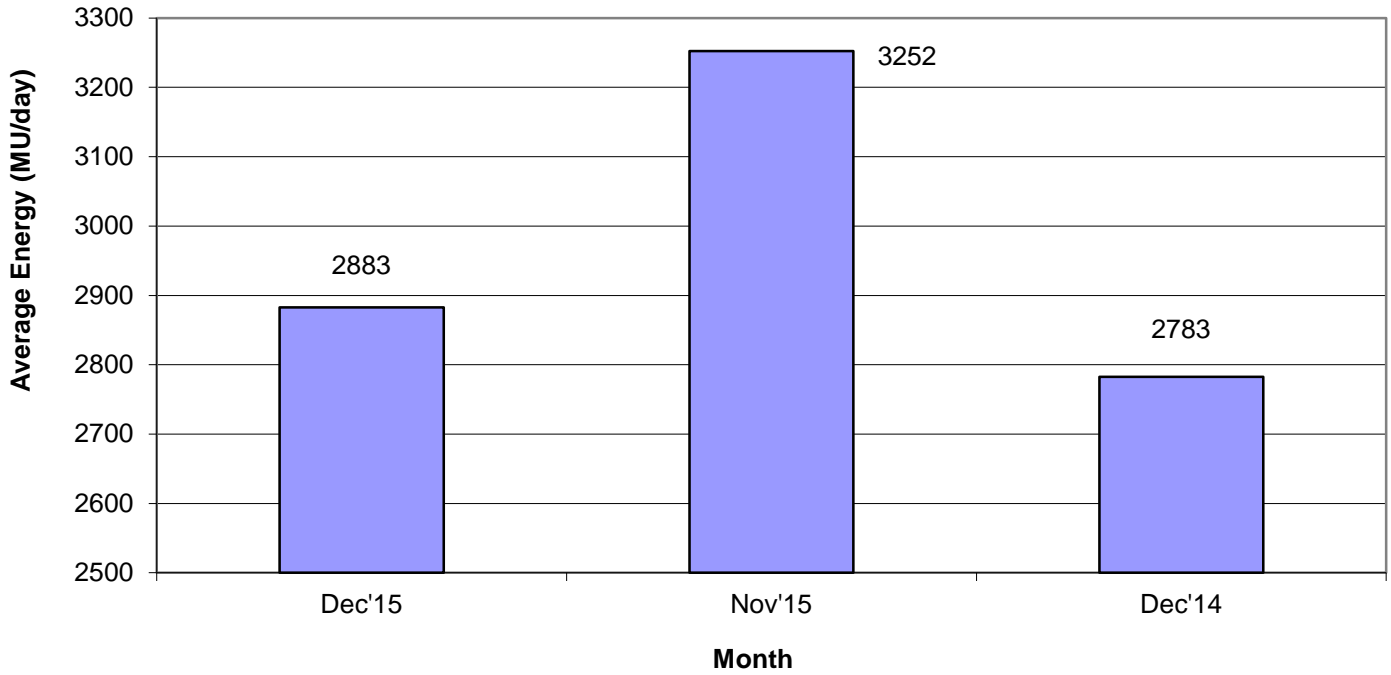


1. SUMMARY OF REPORT FOR THE MONTH OF DECEMBER 2015

Average Energy (MU/day)

Decreased by 11.37% as compared to Nov 2015

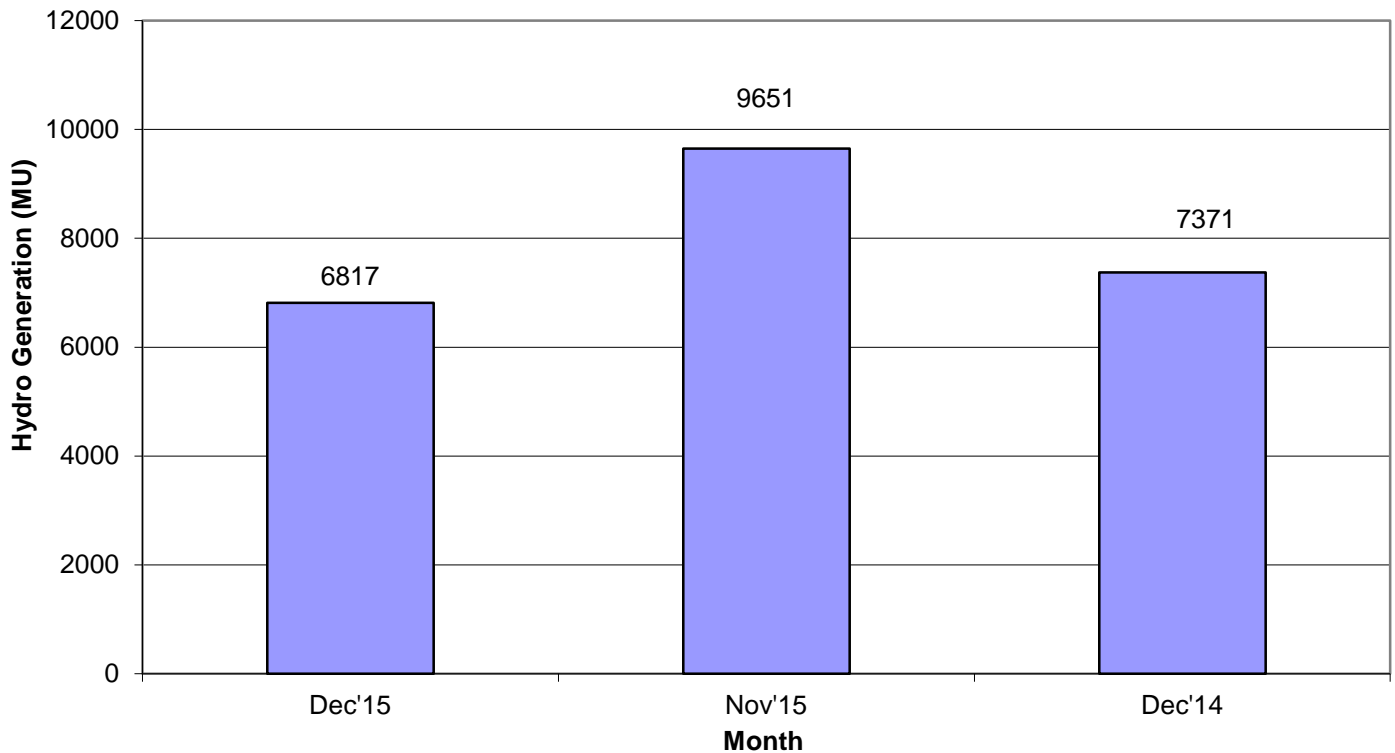
Increased by 3.59% as compared to Dec 2014



Hydro generation

Decreased by 29.36% as compared to Nov 2015

Decreased by 7.5% as compared to Dec 2014

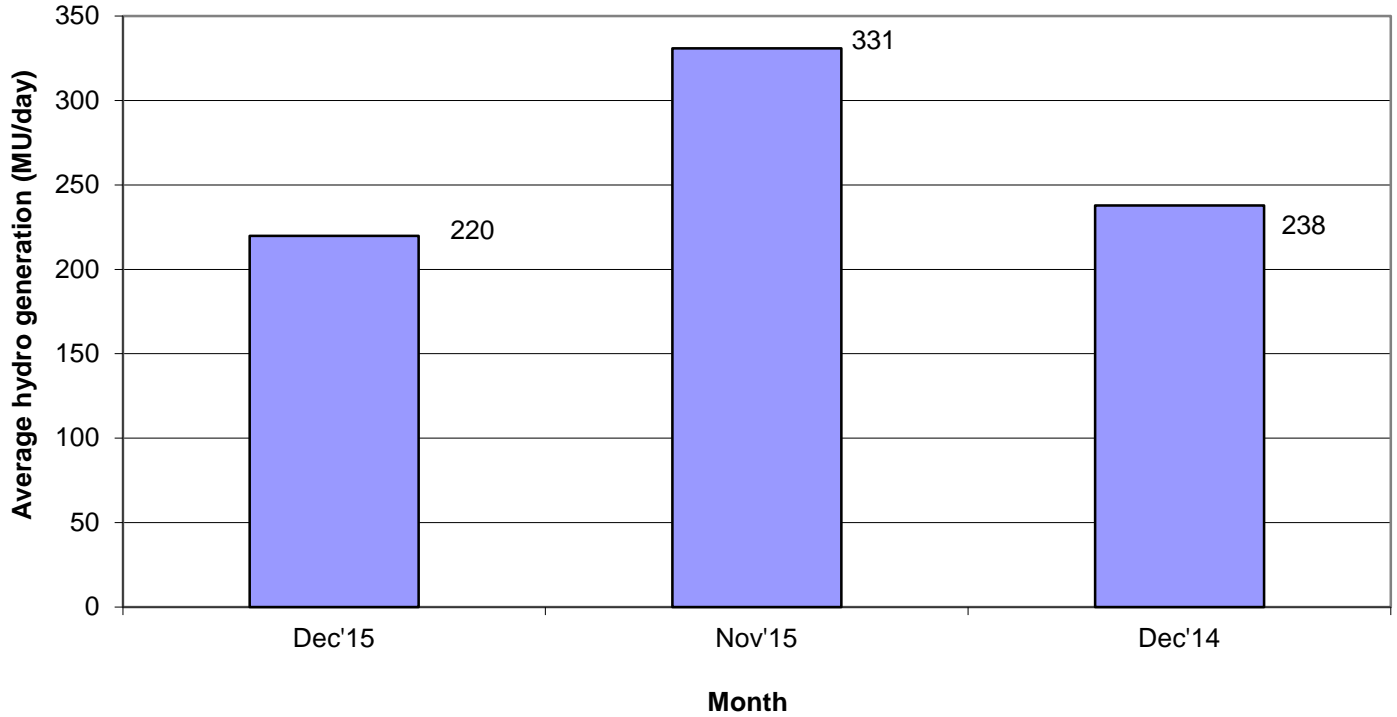


1. SUMMARY OF REPORT FOR THE MONTH OF DECEMBER 2015

Average Hydro Generation

Decreased by 33.52% as compared to Nov 2015

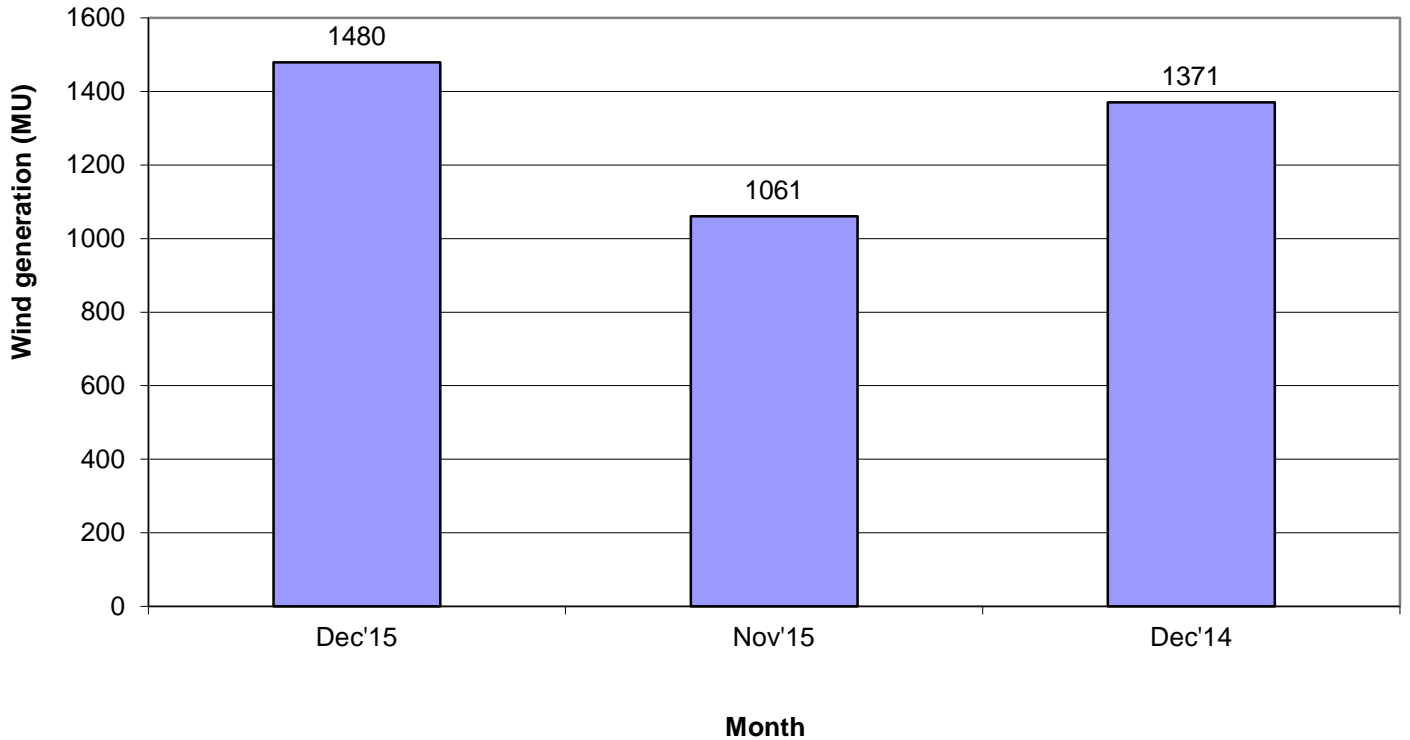
Decreased by 7.5% as compared to Dec 2014



Wind Generation

Increased by 39.50% as compared to Nov 2015

Increased by 7.92% as compared to Dec 2014

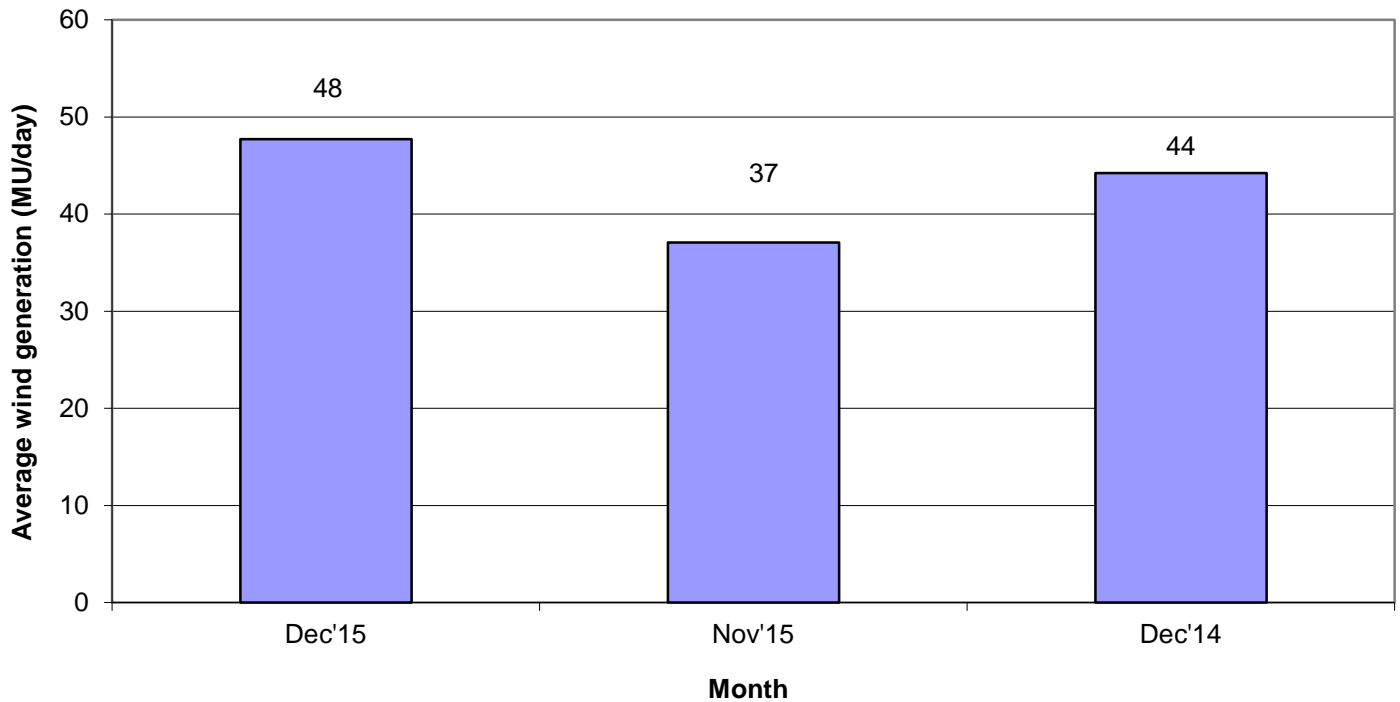


1. SUMMARY OF REPORT FOR THE MONTH OF DECEMBER 2015

Average wind generation (MU/day)

Increased by 28.66% as compared to Nov 2015

Increased by 7.92% as compared to Dec 2014



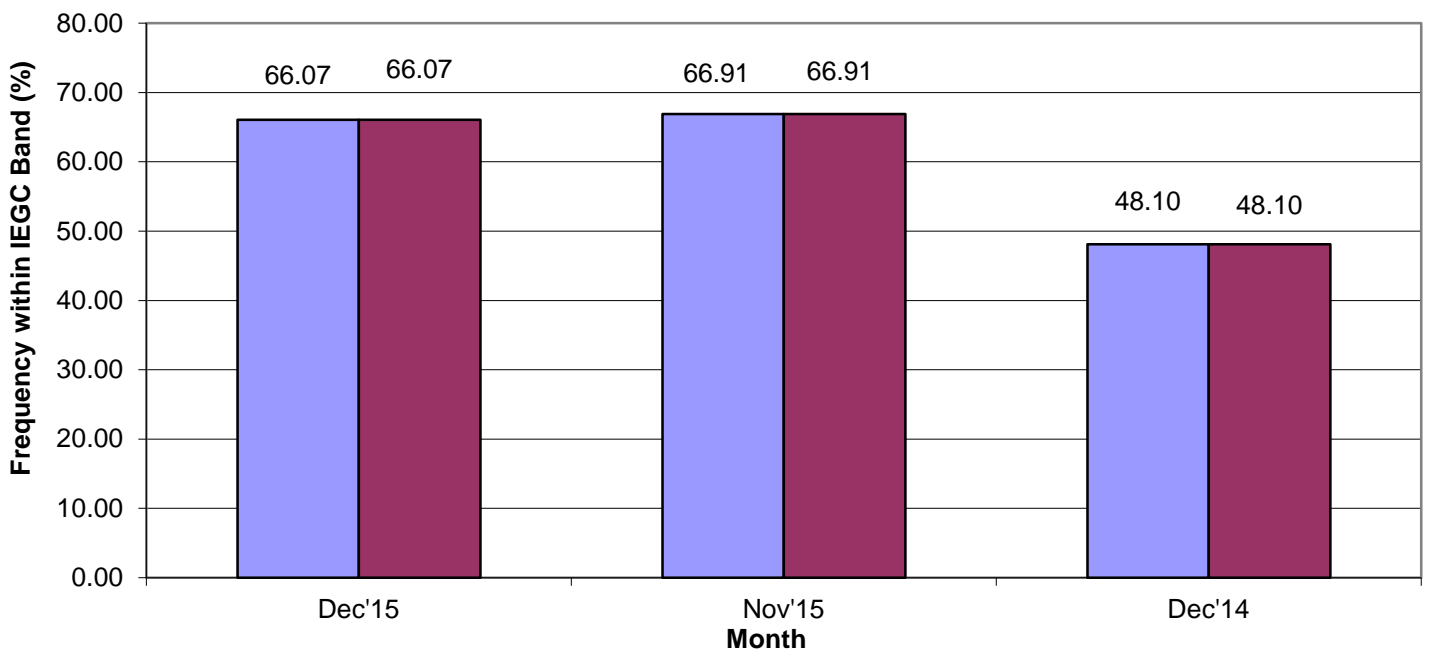
Frequency within IEGC Band

NEW Grid freq.(%)

SR Grid Freq.(%)

Decreased by 1.25% as compared to Nov 2015

Increased by 37.37% as compared to Dec 2014



- W.e.f 17th Feb 2014, IEGC Band has been changed to 49.90 to 50.05 from 49.70 – 50.20

(2) ALL INDIA REGIONWISE INSTALLED CAPACITY

As on 31.12.2015
(All figures are in MW)

| S No | Region | THERMAL | | | | NUCLEAR | HYDRO | RES @ MNRE | GRAND TOTAL |
|------|---------|---------|-------|--------|--------|---------|-------|---------------|----------------|
| | | COAL | GAS | DIESEL | TOTAL | | | | |
| 1 | NR | 42264 | 5331 | 0 | 47595 | 1620 | 18246 | 7849 | 75310 |
| 2 | WR | 68139 | 10815 | 0 | 78954 | 1840 | 7448 | 13373 | 101615 |
| 3 | SR | 33222 | 6473 | 917 | 40612 | 2320 | 11478 | 15460 | 69870 |
| 4 | ER | 29082 | 190 | 0 | 29272 | 0 | 4209 | 459 | 33940 |
| 5 | NER | 310 | 1663 | 36 | 2009 | 0 | 1242 | 262 | 3513 |
| 6 | ISLANDS | 0 | 0 | 40 | 40 | 0 | 0 | 11 | 51 |
| | | 173017 | 24472 | 994 | 198482 | 5780 | 42623 | 37414 | 284300 |

Remarks: Data from CEA website

3. राष्ट्रीय स्तर पर संध्याकालीन शिखर विद्युत मांग पूर्ति
PEAK DEMAND MET AT NATIONAL LEVEL

माह:- दिसम्बर 201५

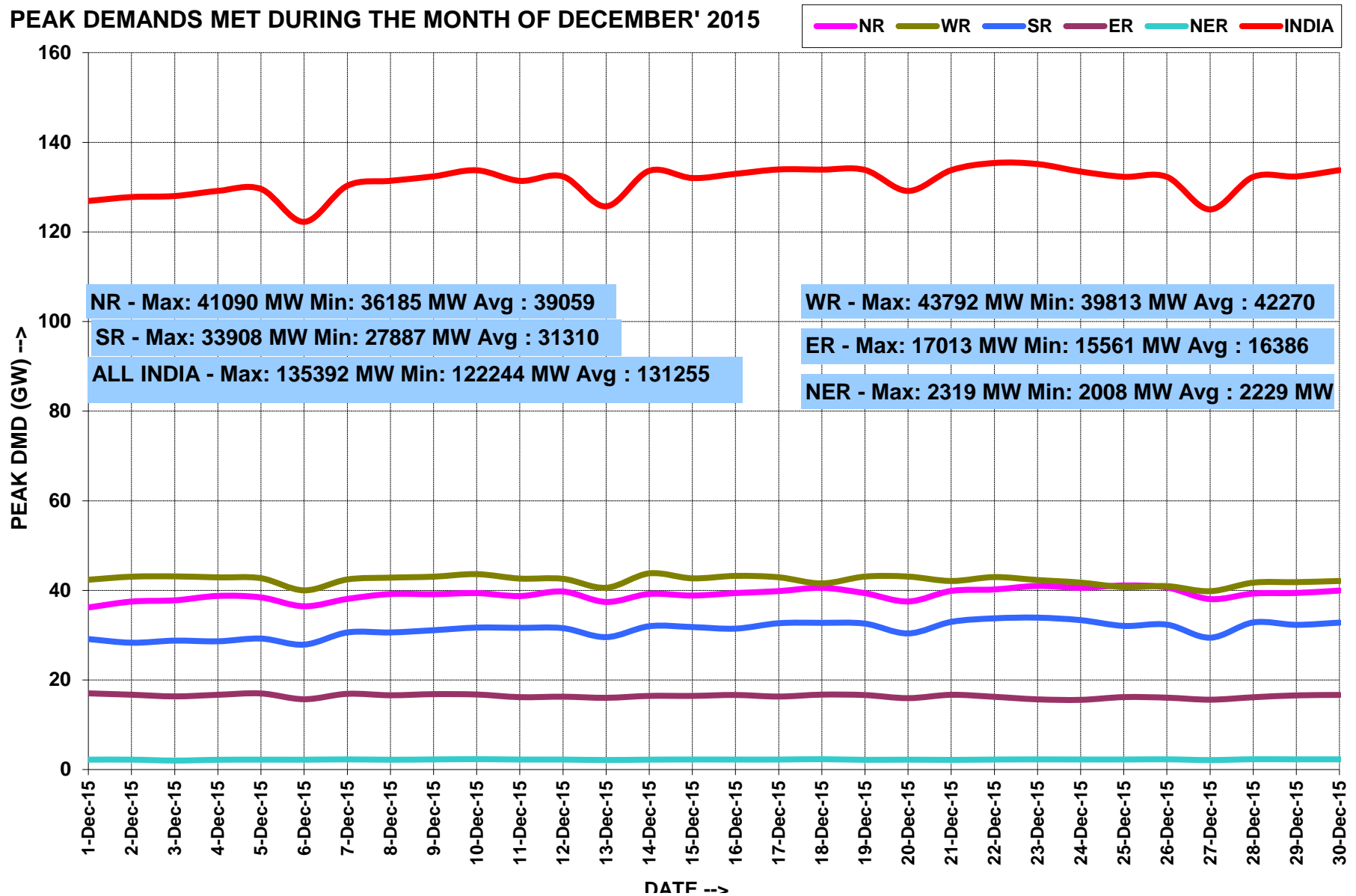
MONTH:- December 2015

सभी आकड़े मेगावाट में All figures in MW

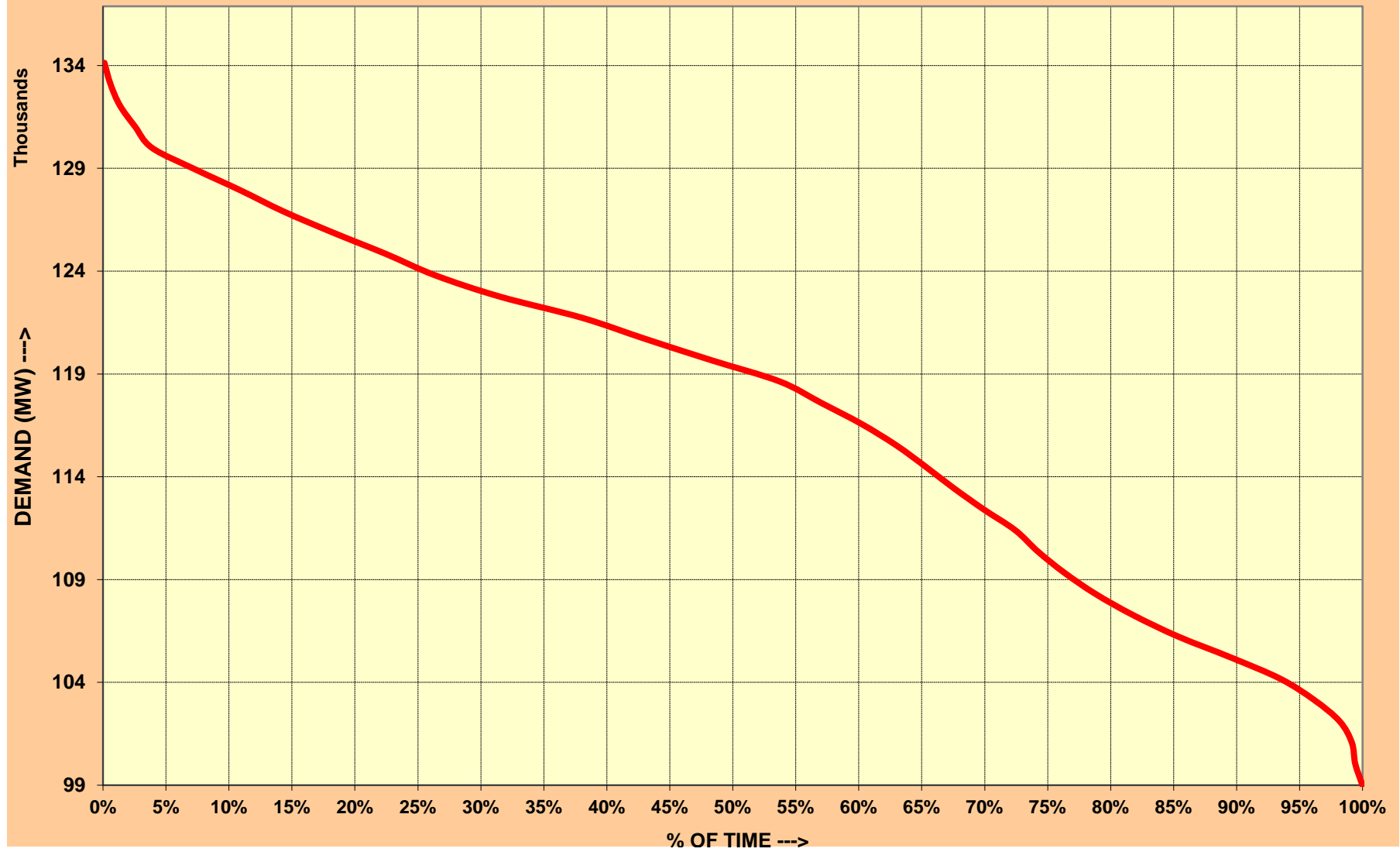
| दिनांक Date | ऊत्तरी क्षे. NR | पश्चिमी क्षे. WR | दक्षिणी क्षे. SR | पूर्वी क्षे. ER | पूर्वोत्तर क्षे. NER | कुल TOTAL |
|-------------------------------------|--------------------|---------------------|---------------------|--------------------|-------------------------|--------------|
| 01-Dec-15 | 36185 | 42375 | 29126 | 17013 | 2218 | 126917 |
| 02-Dec-15 | 37499 | 43056 | 28313 | 16707 | 2216 | 127791 |
| 03-Dec-15 | 37771 | 43124 | 28781 | 16332 | 2008 | 128016 |
| 04-Dec-15 | 38757 | 42897 | 28628 | 16689 | 2187 | 129158 |
| 05-Dec-15 | 38426 | 42716 | 29241 | 16991 | 2220 | 129593 |
| 06-Dec-15 | 36447 | 40003 | 27887 | 15701 | 2206 | 122244 |
| 07-Dec-15 | 38086 | 42432 | 30606 | 16909 | 2274 | 130307 |
| 08-Dec-15 | 39184 | 42837 | 30606 | 16585 | 2197 | 131409 |
| 09-Dec-15 | 39139 | 43057 | 31104 | 16836 | 2263 | 132399 |
| 10-Dec-15 | 39385 | 43620 | 31686 | 16754 | 2319 | 133764 |
| 11-Dec-15 | 38729 | 42635 | 31631 | 16164 | 2238 | 131397 |
| 12-Dec-15 | 39744 | 42583 | 31563 | 16267 | 2233 | 132390 |
| 13-Dec-15 | 37412 | 40579 | 29561 | 16020 | 2135 | 125707 |
| 14-Dec-15 | 39204 | 43792 | 31996 | 16441 | 2219 | 133652 |
| 15-Dec-15 | 38846 | 42685 | 31809 | 16443 | 2248 | 132031 |
| 16-Dec-15 | 39395 | 43229 | 31459 | 16651 | 2235 | 132969 |
| 17-Dec-15 | 39829 | 42920 | 32665 | 16298 | 2238 | 133950 |
| 18-Dec-15 | 40560 | 41553 | 32753 | 16728 | 2313 | 133907 |
| 19-Dec-15 | 39368 | 43079 | 32575 | 16631 | 2178 | 133831 |
| 20-Dec-15 | 37523 | 43079 | 30388 | 15943 | 2214 | 129147 |
| 21-Dec-15 | 39878 | 42095 | 32963 | 16687 | 2167 | 133789 |
| 22-Dec-15 | 40198 | 42964 | 33754 | 16236 | 2240 | 135392 |
| 23-Dec-15 | 40993 | 42308 | 33908 | 15675 | 2271 | 135155 |
| 24-Dec-15 | 40585 | 41732 | 33352 | 15561 | 2250 | 133480 |
| 25-Dec-15 | 41090 | 40733 | 32062 | 16176 | 2247 | 132308 |
| 26-Dec-15 | 40651 | 40946 | 32354 | 16052 | 2286 | 132289 |
| 27-Dec-15 | 38048 | 39813 | 29436 | 15600 | 2124 | 125021 |
| 28-Dec-15 | 39287 | 41721 | 32840 | 16142 | 2303 | 132293 |
| 29-Dec-15 | 39415 | 41832 | 32307 | 16560 | 2278 | 132392 |
| 30-Dec-15 | 39957 | 42094 | 32800 | 16660 | 2286 | 133797 |
| 31-Dec-15 | 39239 | 41884 | 32444 | 16526 | 2302 | 132395 |
| उच्चतम MAXIMUM | 41090 | 43792 | 33908 | 17013 | 2319 | 135392 |
| निम्नतम MINIMUM | 36185 | 39813 | 27887 | 15561 | 2008 | 122244 |
| औसत AVERAGE | 39059 | 42270 | 31310 | 16386 | 2229 | 131255 |
| अब तक का उच्चतम All Time Max. | 50354 | 47617 | 36518 | 18574 | 2347 | 147655 |
| दिनांक Date | 11.09.15 | 20.10.15 | 26.03.15 | 17.10.15 | 14.11.15 | 11.09.15 |

नोट : सभी आकड़े 1900 बजे की मांगपूर्ति पर आधारित हैं । Note: The above figures corresponds to value at 1900 Hrs

PEAK DEMANDS MET DURING THE MONTH OF DECEMBER' 2015



ALL INDIA LOAD DURATION CURVE FOR DECEMBER' 2015



4. राष्ट्रीय स्तर पर विद्युत ऊर्जा आपूर्ति ENERGY MET AT NATIONAL LEVEL

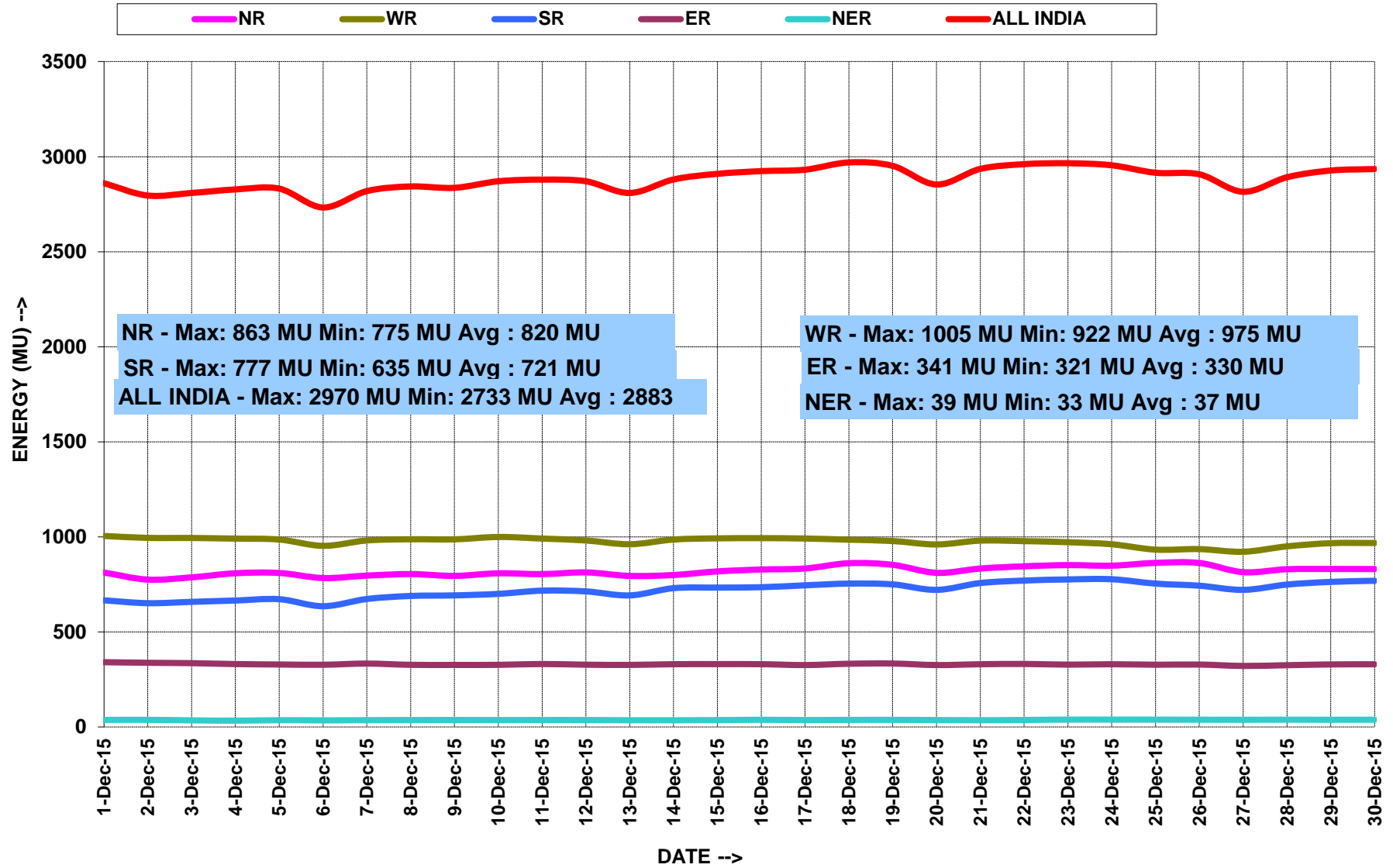
माह:- दिसम्बर 201५

MONTH:- December 2015

सभी आंकड़े मिलियन यूनिट में All figures in MU

| दिनांक Date | उत्तरी क्षे. NR | पश्चिमी क्षे. WR | दक्षिणी क्षे. SR | पूर्वी क्षे. ER | पूर्वोत्तर क्षे. NER | कुल TOTAL |
|-------------------------------------|--------------------|---------------------|---------------------|--------------------|-------------------------|--------------|
| 01-Dec-15 | 812 | 1005 | 666 | 341 | 37 | 2860 |
| 02-Dec-15 | 775 | 995 | 651 | 337 | 37 | 2795 |
| 03-Dec-15 | 787 | 994 | 658 | 335 | 35 | 2809 |
| 04-Dec-15 | 809 | 991 | 665 | 331 | 33 | 2828 |
| 05-Dec-15 | 810 | 986 | 672 | 329 | 36 | 2832 |
| 06-Dec-15 | 783 | 953 | 635 | 327 | 35 | 2733 |
| 07-Dec-15 | 796 | 981 | 673 | 333 | 36 | 2819 |
| 08-Dec-15 | 804 | 987 | 689 | 327 | 36 | 2843 |
| 09-Dec-15 | 795 | 987 | 692 | 326 | 37 | 2836 |
| 10-Dec-15 | 808 | 999 | 700 | 327 | 36 | 2871 |
| 11-Dec-15 | 804 | 991 | 717 | 331 | 36 | 2879 |
| 12-Dec-15 | 813 | 981 | 713 | 327 | 36 | 2871 |
| 13-Dec-15 | 795 | 961 | 692 | 326 | 35 | 2809 |
| 14-Dec-15 | 799 | 986 | 730 | 330 | 35 | 2880 |
| 15-Dec-15 | 818 | 992 | 733 | 330 | 36 | 2910 |
| 16-Dec-15 | 828 | 993 | 735 | 330 | 38 | 2924 |
| 17-Dec-15 | 833 | 991 | 745 | 326 | 36 | 2931 |
| 18-Dec-15 | 861 | 985 | 754 | 332 | 37 | 2970 |
| 19-Dec-15 | 853 | 978 | 750 | 334 | 37 | 2952 |
| 20-Dec-15 | 811 | 960 | 721 | 326 | 36 | 2853 |
| 21-Dec-15 | 833 | 980 | 757 | 330 | 35 | 2935 |
| 22-Dec-15 | 845 | 978 | 770 | 331 | 37 | 2960 |
| 23-Dec-15 | 851 | 972 | 776 | 328 | 39 | 2965 |
| 24-Dec-15 | 848 | 961 | 777 | 330 | 39 | 2955 |
| 25-Dec-15 | 863 | 933 | 754 | 327 | 38 | 2915 |
| 26-Dec-15 | 863 | 936 | 743 | 328 | 38 | 2907 |
| 27-Dec-15 | 814 | 922 | 721 | 321 | 38 | 2815 |
| 28-Dec-15 | 830 | 950 | 749 | 325 | 38 | 2892 |
| 29-Dec-15 | 831 | 967 | 763 | 329 | 38 | 2927 |
| 30-Dec-15 | 831 | 968 | 769 | 330 | 38 | 2935 |
| 31-Dec-15 | 827 | 978 | 777 | 334 | 39 | 2955 |
| कुल TOTAL | 25431 | 30238 | 22347 | 10217 | 1134 | 89366 |
| उच्चतम MAXIMUM | 863 | 1005 | 777 | 341 | 39 | 2970 |
| निम्नतम MINIMUM | 775 | 922 | 635 | 321 | 33 | 2733 |
| औसत AVERAGE | 820 | 975 | 721 | 330 | 37 | 2883 |
| अब तक का उच्चतम All Time Max. | 1147 | 1131 | 893 | 387 | 44 | 3342 |
| दिनांक Date | 11.09.15 | 20.10.15 | 26.03.15 | 03.10.15 | 18.09.15 | 11.09.15 |

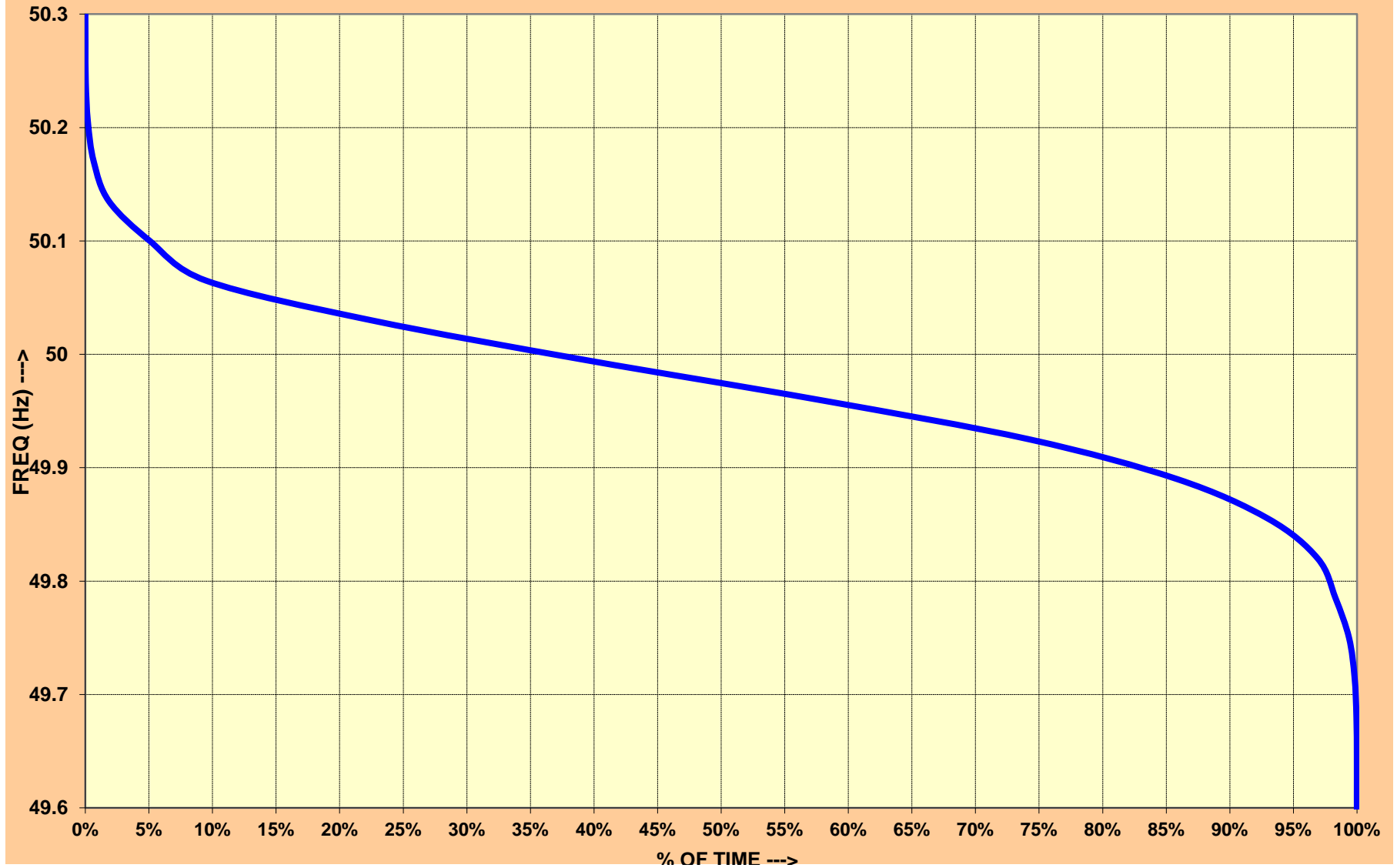
ENERGY MET DURING THE MONTH OF DECEMBER' 2015



5.2 दिसम्बर 201५ के लिए आवृत्ति रूपरेखा FREQUENCY PROFILE FOR December 2015

| फ़िक्वेंसी रूपरेखा (Hz) | | <49.0 | 49.0-49.9 | <49.9 | 49.9-50.05 | >50.05 | उच्चतम फ़िक्वेंसी | निम्नतम फ़िक्वेंसी | औसत फ़िक्वेंसी |
|-------------------------|-----------|-------|-----------|-------|------------|--------|-------------------|--------------------|----------------|
| % समय | 01-Dec-15 | 0.00 | 10.74 | 10.74 | 72.73 | 16.53 | 50.22 | 49.73 | 49.98 |
| | 02-Dec-15 | 0.00 | 16.15 | 16.15 | 65.24 | 18.61 | 50.22 | 49.73 | 49.98 |
| | 03-Dec-15 | 0.00 | 17.42 | 17.42 | 67.13 | 15.45 | 50.23 | 49.75 | 49.98 |
| | 04-Dec-15 | 0.00 | 9.99 | 9.99 | 66.50 | 23.51 | 50.28 | 49.80 | 50.00 |
| | 05-Dec-15 | 0.00 | 8.24 | 8.24 | 69.51 | 22.25 | 50.23 | 49.69 | 50.00 |
| | 06-Dec-15 | 0.00 | 3.26 | 3.26 | 68.38 | 28.36 | 50.32 | 49.79 | 50.02 |
| | 07-Dec-15 | 0.00 | 16.22 | 16.22 | 66.35 | 17.43 | 50.24 | 49.69 | 49.98 |
| | 08-Dec-15 | 0.00 | 13.58 | 13.58 | 75.43 | 11.00 | 50.20 | 49.74 | 49.97 |
| | 09-Dec-15 | 0.00 | 18.11 | 18.11 | 68.89 | 13.00 | 50.20 | 49.74 | 49.97 |
| | 10-Dec-15 | 0.00 | 0.00 | 13.54 | 74.38 | 12.08 | 50.19 | 49.76 | 49.98 |
| | 11-Dec-15 | 0.00 | 17.89 | 17.89 | 69.20 | 12.91 | 50.21 | 49.73 | 49.97 |
| | 12-Dec-15 | 0.00 | 23.60 | 23.60 | 67.18 | 9.22 | 50.19 | 49.72 | 49.95 |
| | 13-Dec-15 | 0.00 | 17.42 | 17.42 | 69.10 | 13.48 | 50.24 | 49.72 | 49.97 |
| | 14-Dec-15 | 0.00 | 18.09 | 18.09 | 62.11 | 19.80 | 50.31 | 49.71 | 49.98 |
| | 15-Dec-15 | 0.00 | 31.88 | 31.88 | 59.09 | 9.04 | 50.16 | 49.69 | 49.94 |
| | 16-Dec-15 | 0.00 | 19.85 | 19.85 | 68.97 | 11.18 | 50.27 | 49.69 | 49.96 |
| | 17-Dec-15 | 0.00 | 23.51 | 23.51 | 63.61 | 12.88 | 50.23 | 49.71 | 49.96 |
| | 18-Dec-15 | 0.00 | 11.59 | 11.59 | 66.75 | 21.67 | 50.23 | 49.73 | 49.99 |
| | 19-Dec-15 | 0.00 | 12.43 | 12.43 | 64.42 | 23.15 | 50.28 | 49.75 | 49.99 |
| | 20-Dec-15 | 0.00 | 15.79 | 15.79 | 65.93 | 18.29 | 50.23 | 49.71 | 49.98 |
| | 21-Dec-15 | 0.00 | 27.71 | 27.71 | 59.42 | 12.87 | 50.26 | 49.65 | 49.95 |
| | 22-Dec-15 | 0.00 | 26.15 | 26.15 | 63.55 | 10.30 | 50.17 | 49.68 | 49.95 |
| | 23-Dec-15 | 0.00 | 20.53 | 20.53 | 67.75 | 11.71 | 50.23 | 49.73 | 49.96 |
| | 24-Dec-15 | 0.00 | 14.83 | 14.83 | 68.66 | 16.52 | 50.27 | 49.72 | 49.98 |
| | 25-Dec-15 | 0.00 | 4.29 | 4.29 | 64.61 | 31.10 | 50.28 | 49.77 | 50.02 |
| | 26-Dec-15 | 0.00 | 2.55 | 2.55 | 61.89 | 35.57 | 50.27 | 49.76 | 50.03 |
| | 27-Dec-15 | 0.00 | 8.07 | 8.07 | 63.61 | 28.32 | 50.30 | 49.79 | 50.01 |
| | 28-Dec-15 | 0.00 | 10.84 | 10.84 | 59.29 | 29.86 | 50.31 | 49.71 | 50.00 |
| | 29-Dec-15 | 0.00 | 27.08 | 27.08 | 61.09 | 11.83 | 50.19 | 49.65 | 49.95 |
| | 30-Dec-15 | 0.00 | 34.26 | 34.26 | 57.42 | 8.32 | 50.21 | 49.59 | 49.93 |
| | 31-Dec-15 | 0.00 | 12.12 | 12.12 | 70.09 | 17.79 | 50.22 | 49.78 | 49.99 |

NEW GRID FREQUENCY DURATION CURVE FOR DECEMBER' 2015



6.राष्ट्रीय स्तर पर जल विद्युत उत्पादन
HYDRO GENERATION AT NATIONAL LEVEL

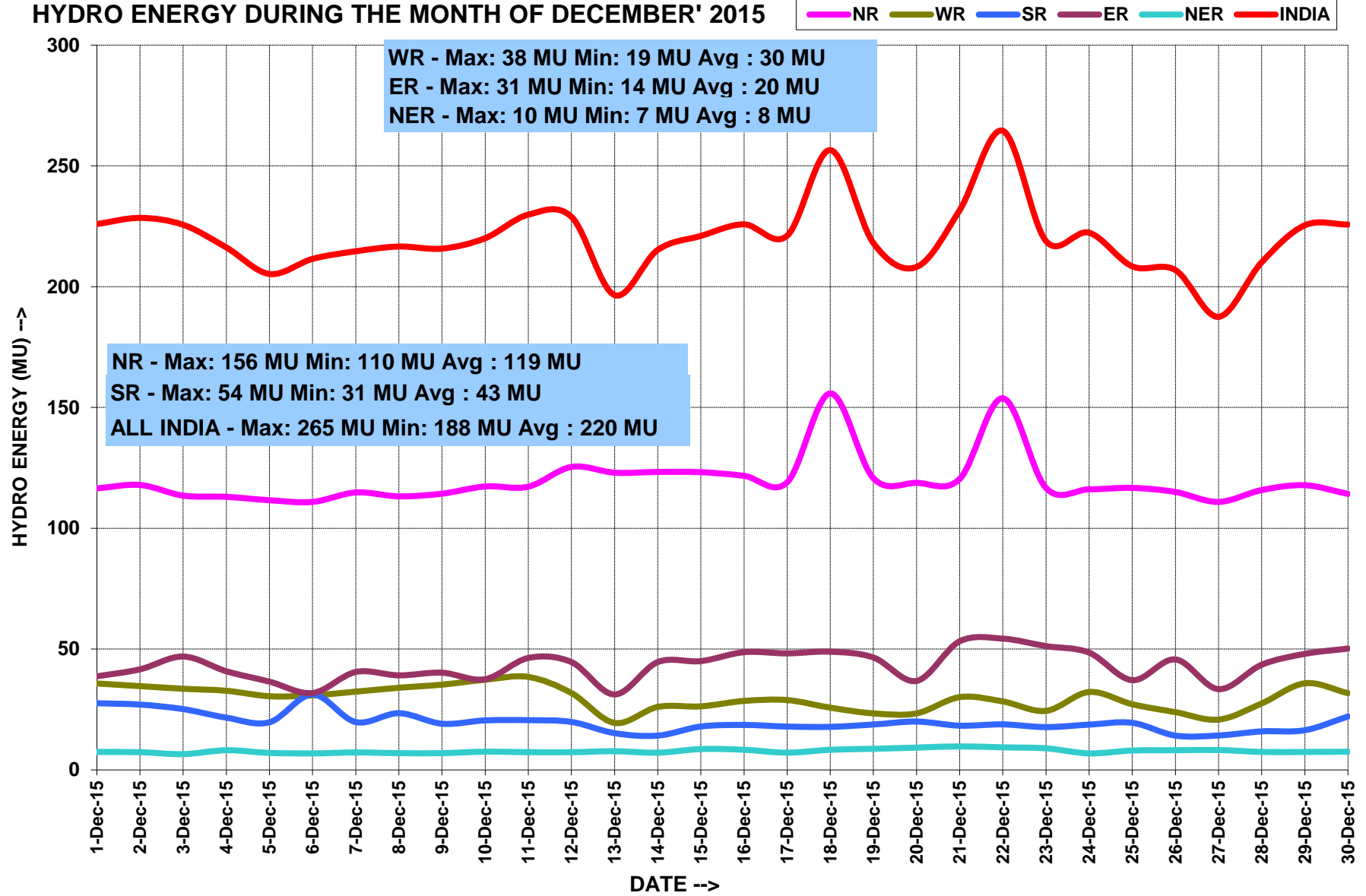
माह:- दिसम्बर 201५

MONTH:- December 2015

सभी आंकड़े मिलियन यूनिट में All figures in MU

| दिनांक Date | ऊत्तरी क्षे. NR | पश्चिमी क्षे. WR | दक्षिणी क्षे. SR | पूर्वी क्षे. ER | पूर्वोत्तर क्षे. NER | कुल TOTAL |
|-------------------------------------|--------------------|---------------------|---------------------|--------------------|-------------------------|--------------|
| 01-Dec-15 | 117 | 36 | 39 | 28 | 7 | 226 |
| 02-Dec-15 | 118 | 35 | 42 | 27 | 7 | 228 |
| 03-Dec-15 | 114 | 34 | 47 | 25 | 7 | 226 |
| 04-Dec-15 | 113 | 33 | 41 | 22 | 8 | 216 |
| 05-Dec-15 | 112 | 30 | 37 | 20 | 7 | 205 |
| 06-Dec-15 | 111 | 31 | 32 | 31 | 7 | 211 |
| 07-Dec-15 | 115 | 32 | 41 | 20 | 7 | 215 |
| 08-Dec-15 | 113 | 34 | 39 | 23 | 7 | 217 |
| 09-Dec-15 | 114 | 35 | 40 | 19 | 7 | 216 |
| 10-Dec-15 | 117 | 37 | 38 | 20 | 8 | 220 |
| 11-Dec-15 | 117 | 38 | 46 | 21 | 7 | 230 |
| 12-Dec-15 | 125 | 32 | 45 | 20 | 7 | 229 |
| 13-Dec-15 | 123 | 19 | 31 | 15 | 8 | 196 |
| 14-Dec-15 | 123 | 26 | 45 | 14 | 7 | 215 |
| 15-Dec-15 | 123 | 26 | 45 | 18 | 9 | 221 |
| 16-Dec-15 | 122 | 29 | 49 | 19 | 8 | 226 |
| 17-Dec-15 | 119 | 29 | 48 | 18 | 7 | 221 |
| 18-Dec-15 | 156 | 26 | 49 | 18 | 8 | 257 |
| 19-Dec-15 | 121 | 23 | 47 | 19 | 9 | 218 |
| 20-Dec-15 | 119 | 23 | 37 | 20 | 9 | 208 |
| 21-Dec-15 | 120 | 30 | 53 | 18 | 10 | 232 |
| 22-Dec-15 | 154 | 28 | 54 | 19 | 9 | 265 |
| 23-Dec-15 | 117 | 24 | 51 | 18 | 9 | 219 |
| 24-Dec-15 | 116 | 32 | 49 | 19 | 7 | 222 |
| 25-Dec-15 | 117 | 27 | 37 | 19 | 8 | 208 |
| 26-Dec-15 | 115 | 24 | 46 | 14 | 8 | 207 |
| 27-Dec-15 | 111 | 21 | 33 | 14 | 8 | 188 |
| 28-Dec-15 | 116 | 27 | 44 | 16 | 7 | 210 |
| 29-Dec-15 | 118 | 36 | 48 | 16 | 7 | 225 |
| 30-Dec-15 | 114 | 32 | 50 | 22 | 8 | 226 |
| 31-Dec-15 | 110 | 36 | 39 | 22 | 8 | 215 |
| कुल TOTAL | 3699 | 926 | 1338 | 613 | 240 | 6817 |
| उच्चतम MAXIMUM | 156 | 38 | 54 | 31 | 10 | 265 |
| निम्नतम MINIMUM | 110 | 19 | 31 | 14 | 7 | 188 |
| औसत AVERAGE | 119 | 30 | 43 | 20 | 8 | 220 |
| अब तक का उच्चतम All Time Max. | 389 | 167 | 202 | 94 | 29 | 712 |
| दिनांक Date | 18.08.15 | 18.12.14 | 09.08.13 | 09.09.14 | 27.08.15 | 27.08.13 |

HYDRO ENERGY DURING THE MONTH OF DECEMBER' 2015



7. राष्ट्रीय स्तर पर पवन ऊर्जा उत्पादन
WIND GENERATION AT NATIONAL LEVEL

माह:- दिसम्बर 201५

MONTH:- Decembr 2015

सभी आंकड़े मिलियन यूनिट में All figures in MU

| दिनांक Date | ऊत्तरी क्षे. NR | पश्चिमी क्षे. WR | दक्षिणी क्षे. SR | पूर्वी क्षे. ER | पूर्वोत्तर क्षे. NER | कुल TOTAL |
|-------------------------------------|--------------------|---------------------|---------------------|--------------------|-------------------------|--------------|
| 01-Dec-15 | 5 | 24 | 2 | ----- | ----- | 31 |
| 02-Dec-15 | 2 | 31 | 5 | ----- | ----- | 37 |
| 03-Dec-15 | 2 | 26 | 9 | ----- | ----- | 37 |
| 04-Dec-15 | 3 | 14 | 24 | ----- | ----- | 40 |
| 05-Dec-15 | 2 | 18 | 31 | ----- | ----- | 51 |
| 06-Dec-15 | 1 | 24 | 28 | ----- | ----- | 52 |
| 07-Dec-15 | 2 | 17 | 22 | ----- | ----- | 42 |
| 08-Dec-15 | 4 | 14 | 18 | ----- | ----- | 36 |
| 09-Dec-15 | 10 | 13 | 21 | ----- | ----- | 44 |
| 10-Dec-15 | 6 | 20 | 13 | ----- | ----- | 39 |
| 11-Dec-15 | 15 | 17 | 7 | ----- | ----- | 39 |
| 12-Dec-15 | 4 | 18 | 6 | ----- | ----- | 27 |
| 13-Dec-15 | 3 | 22 | 6 | ----- | ----- | 31 |
| 14-Dec-15 | 4 | 39 | 5 | ----- | ----- | 49 |
| 15-Dec-15 | 2 | 28 | 7 | ----- | ----- | 37 |
| 16-Dec-15 | 6 | 10 | 8 | ----- | ----- | 24 |
| 17-Dec-15 | 11 | 25 | 13 | ----- | ----- | 50 |
| 18-Dec-15 | 9 | 43 | 8 | ----- | ----- | 61 |
| 19-Dec-15 | 5 | 26 | 8 | ----- | ----- | 39 |
| 20-Dec-15 | 3 | 26 | 15 | ----- | ----- | 44 |
| 21-Dec-15 | 5 | 23 | 14 | ----- | ----- | 41 |
| 22-Dec-15 | 3 | 16 | 10 | ----- | ----- | 29 |
| 23-Dec-15 | 7 | 21 | 12 | ----- | ----- | 40 |
| 24-Dec-15 | 8 | 47 | 11 | ----- | ----- | 65 |
| 25-Dec-15 | 3 | 47 | 22 | ----- | ----- | 71 |
| 26-Dec-15 | 2 | 35 | 25 | ----- | ----- | 62 |
| 27-Dec-15 | 1 | 40 | 34 | ----- | ----- | 75 |
| 28-Dec-15 | 2 | 44 | 38 | ----- | ----- | 84 |
| 29-Dec-15 | 2 | 31 | 33 | ----- | ----- | 66 |
| 30-Dec-15 | 6 | 18 | 30 | ----- | ----- | 53 |
| 31-Dec-15 | 20 | 25 | 41 | ----- | ----- | 86 |
| कुल TOTAL | 156 | 801 | 522 | ----- | ----- | 1480 |
| उच्चतम MAXIMUM | 20 | 47 | 41 | ----- | ----- | 86 |
| निम्नतम MINIMUM | 1 | 10 | 2 | ----- | ----- | 24 |
| औसत AVERAGE | 5 | 26 | 17 | ----- | ----- | 48 |
| अब तक का उच्चतम All Time Max. | 34.9 | 117.5 | 126.5 | ... | ... | 273.1 |
| दिनांक Date | 12.06.12 | 06.07.15 | 08.07.15 | ... | ... | 06.07.15 |

8. ACTUAL POWER SUPPLY POSITION - December 2015

| REGION | STATE | Requirement/Availability in MU/DAY | | | Requirement/Availability in MU | | | | Peak Demand/Peak Met in MW | | | |
|------------------|-------------------|------------------------------------|---------------|-----------------------|--------------------------------|----------------|-----------------------|-------------|----------------------------|-----------------|-----------------------|-------------|
| | | Requirement | Energy met | Surplus(+)/Deficit(-) | Requirement | Energy met | Surplus(+)/Deficit(-) | % Shortage | Requirement | Peak Demand Met | Surplus(+)/Deficit(-) | % Shortage |
| NR | Chandigarh | 3.5 | 3.5 | 0.0 | 108.4 | 108.4 | 0.0 | 0.0 | 226 | 226 | 0 | 0.0 |
| | Delhi | 60.7 | 60.7 | 0.0 | 1882.0 | 1880.8 | -1.2 | -0.1 | 3968 | 3944 | -24 | -0.6 |
| | Haryana | 111.7 | 111.7 | 0.0 | 3461.5 | 3461.4 | -0.1 | 0.0 | 6502 | 6502 | 0 | 0.0 |
| | H.P. | 25.9 | 25.8 | -0.1 | 801.8 | 798.4 | -3.4 | -0.4 | 1488 | 1488 | 0 | 0.0 |
| | J&K | 49.6 | 42.2 | -7.4 | 1537.6 | 1308.5 | -229.1 | -14.9 | 2474 | 2099 | -375 | -15.2 |
| | Punjab | 98.2 | 98.2 | 0.0 | 3043.7 | 3043.7 | 0.0 | 0.0 | 6097 | 6097 | 0 | 0.0 |
| | Rajasthan | 215.4 | 215.0 | -0.4 | 6678.1 | 6665.4 | -12.6 | -0.2 | 10478 | 10478 | 0 | 0.0 |
| | U.P. | 255.5 | 227.9 | -27.6 | 7920.6 | 7066.3 | -854.3 | 12.1 | 12786 | 11991 | -795 | -6.2 |
| | Uttarakhand | 35.2 | 34.5 | -0.8 | 1092.3 | 1068.5 | -23.8 | -2.2 | 2025 | 2025 | 0 | 0.0 |
| NFF/Railway | 2.2 | 2.2 | 0.0 | 67.6 | 67.6 | 0.0 | 0.0 | 99 | 99 | 0 | 0.0 | |
| | TOTAL | 857.9 | 821.6 | -36.3 | 26593.7 | 25469.1 | -1124.6 | -4.2 | 42458 | 41090 | -1368 | -3.2 |
| WR | Gujarat | 265.9 | 265.7 | -0.2 | 8243.3 | 8237.5 | -5.8 | -0.1 | 12804 | 12773 | -31 | -0.2 |
| | Madhya Pradesh | 221.0 | 220.9 | -0.1 | 6849.6 | 6847.5 | -2.0 | 0.0 | 11114 | 11114 | 0 | 0.0 |
| | Chhattisgarh | 69.9 | 68.8 | -1.1 | 2166.1 | 2132.8 | -33.3 | -1.5 | 3747 | 3478 | -269 | -7.2 |
| | Maharashtra | 385.6 | 385.2 | -0.4 | 11953.0 | 11941.0 | -12.0 | -0.1 | 19560 | 19536 | -24 | -0.1 |
| | Goa | 8.5 | 8.5 | 0.0 | 264.3 | 264.3 | 0.0 | 0.0 | 493 | 432 | -61 | -12.4 |
| | D&D | 6.1 | 6.1 | 0.0 | 189.3 | 189.3 | 0.0 | 0.0 | 293 | 293 | 0 | 0.0 |
| | DNH | 15.5 | 15.4 | 0.0 | 479.3 | 478.4 | -0.9 | -0.2 | 689 | 689 | 0 | 0.0 |
| | ESIL | 6.8 | 6.8 | 0.0 | 210.8 | 210.4 | -0.4 | -0.2 | 586 | 586 | 0 | 0.0 |
| | TOTAL | 979.2 | 977.5 | -1.8 | 30355.7 | 30301.2 | -54.5 | -0.2 | 46745 | 46537 | -208 | -0.4 |
| SR | Andhra Pradesh | 125.7 | 125.6 | -0.1 | 3897.7 | 3894.2 | -3.5 | -0.1 | 6550 | 6540 | -10 | -0.2 |
| | Telangana | 129.6 | 129.5 | -0.1 | 4017.0 | 4013.3 | -3.7 | -0.1 | 6138 | 6138 | 0 | 0.0 |
| | KPTCL | 174.1 | 167.5 | -6.7 | 5398.4 | 5191.3 | -207.1 | -3.8 | 8990 | 8396 | -594 | -6.6 |
| | KSEB | 61.5 | 61.4 | -0.1 | 1905.9 | 1902.2 | -3.7 | -0.2 | 3482 | 3471 | -11 | -0.3 |
| | TNEB | 231.6 | 231.4 | -0.2 | 7181.0 | 7174.1 | -6.9 | -0.1 | 12684 | 12680 | -4 | 0.0 |
| | PONDICHERRY | 5.5 | 5.5 | 0.0 | 171.3 | 171.0 | -0.4 | -0.2 | 332 | 332 | 0 | 0.0 |
| | TOTAL | 728.1 | 720.8 | -7.3 | 22571.4 | 22346.1 | -225.3 | -1.0 | 36395 | 35758 | -637 | -1.8 |
| ER | Bihar | 71.9 | 65.0 | -6.9 | 2228.8 | 2015.7 | -213.1 | -9.6 | 3631 | 3415 | -216 | -5.9 |
| | JSEB | 24.0 | 23.1 | -0.8 | 742.7 | 717.3 | -25.5 | -3.4 | 1149 | 1149 | 0 | 0.0 |
| | DVC | 58.1 | 58.1 | 0.0 | 1800.6 | 1800.6 | 0.0 | 0.0 | 2648 | 2648 | 0 | 0.0 |
| | Odisha | 67.2 | 67.2 | 0.0 | 2083.4 | 2083.4 | 0.0 | 0.0 | 3879 | 3879 | 0 | 0.0 |
| | West Bengal | 113.0 | 112.8 | -0.1 | 3501.7 | 3497.7 | -4.0 | -0.1 | 6468 | 6463 | -5 | -0.1 |
| | Sikkim | 1.0 | 1.0 | 0.0 | 32.5 | 32.5 | 0.0 | 0.0 | 112 | 112 | 0 | 0.0 |
| | TOTAL | 335.1 | 327.3 | -7.8 | 10389.6 | 10147.1 | -242.5 | -2.3 | 17090 | 16893 | -197 | -1.2 |
| NER | Arunachal Pradesh | 1.9 | 1.8 | 0.0 | 57.9 | 57.2 | -0.7 | -1.2 | 133 | 132 | -1 | -0.8 |
| | Assam | 21.2 | 20.0 | -1.1 | 655.7 | 620.7 | -35.0 | -5.3 | 1319 | 1314 | -5 | -0.4 |
| | Manipur | 2.5 | 2.5 | 0.0 | 78.0 | 77.1 | -0.9 | -1.1 | 167 | 167 | 0 | 0.0 |
| | MeSEB | 5.5 | 5.5 | 0.0 | 170.0 | 169.0 | -1.0 | -0.6 | 350 | 348 | -2 | -0.6 |
| | Mizoram | 1.5 | 1.5 | 0.0 | 47.0 | 46.7 | -0.3 | -0.5 | 97 | 96 | -1 | -1.0 |
| | Nagaland | 2.2 | 2.2 | 0.0 | 69.0 | 68.0 | -1.0 | -1.5 | 140 | 138 | -2 | -1.4 |
| | Tripura | 2.5 | 1.7 | -0.8 | 78.9 | 54.1 | -24.8 | -31.4 | 222 | 221 | -1 | -0.5 |
| | TOTAL | 37.3 | 35.3 | -2.1 | 1156.4 | 1092.8 | -63.7 | -5.5 | 2428 | 2416 | -12 | -0.5 |
| ALL INDIA | | 2937.6 | 2882.5 | -55.2 | 91066.8 | 89356.3 | -1710.5 | -1.9 | 145116 | 142694 | -2422 | -1.7 |

9. ENERGY COMPARISON OF December 2015 Vs December 2014

| REGION | STATE | Energy Requirement (MU) | | | | | Energy Met (MU) | | | | |
|-----------|-------------------|-------------------------|--------|------------|----------|---------------------------|-----------------|--------|------------|----------|---------------------------|
| | | Dec-14 | Dec-15 | Difference | % Change | Average MU/day for Nov-15 | Dec-14 | Dec-15 | Difference | % Change | Average for MU/day Nov-15 |
| NR | Chandigarh | 115 | 108 | -6 | -5 | 3 | 115 | 108 | -6 | -5 | 3 |
| | Delhi | 1946 | 1882 | -64 | -3 | 61 | 1944 | 1881 | -64 | -3 | 61 |
| | Haryana | 3646 | 3462 | -184 | -5 | 112 | 3541 | 3461 | -80 | -2 | 112 |
| | H.P. | 758 | 802 | 44 | 6 | 26 | 753 | 798 | 46 | 6 | 26 |
| | J&K | 1616 | 1538 | -78 | -5 | 50 | 1293 | 1309 | 16 | 1 | 42 |
| | Punjab | 3003 | 3044 | 41 | 1 | 98 | 3003 | 3044 | 41 | 1 | 98 |
| | Rajasthan | 6386 | 6678 | 292 | 5 | 215 | 6386 | 6665 | 280 | 4 | 215 |
| | U.P. | 8193 | 7921 | -272 | -3 | 256 | 6901 | 7066 | 165 | 2 | 228 |
| | Uttarakhand | 1035 | 1092 | 58 | 6 | 35 | 1017 | 1069 | 52 | 5 | 34 |
| | NFF/Railway | 65 | 68 | 2 | 3 | 2 | 65 | 68 | 2 | 3 | 2 |
| TOTAL | 26760 | 26594 | -167 | -1 | 886 | 25017 | 25469 | 452 | 2 | 822 | |
| WR | Gujarat | 8059 | 7954 | -105 | -1 | 257 | 8053 | 8238 | 185 | 2 | 266 |
| | Madhya Pradesh | 5722 | 6524 | 803 | 14 | 210 | 5722 | 6848 | 1126 | 20 | 221 |
| | Chhattisgarh | 2045 | 2016 | -29 | -1 | 65 | 2028 | 2133 | 105 | 5 | 69 |
| | Maharashtra | 11617 | 12107 | 490 | 4 | 391 | 11561 | 11941 | 380 | 3 | 385 |
| | Goa | 235 | 249 | 14 | 6 | 8 | 235 | 264 | 29 | 13 | 9 |
| | D&D | 177 | 183 | 6 | 3 | 6 | 177 | 189 | 12 | 7 | 6 |
| | DNH | 472 | 454 | -18 | -4 | 15 | 471 | 478 | 7 | 2 | 15 |
| | ESIL | 236 | 194 | -42 | -18 | 6 | 236 | 210 | -25 | -11 | 7 |
| TOTAL | 28562 | 29682 | 1119 | 4 | 989 | 28482 | 30301 | 1819 | 6 | 977 | |
| SR | Andhra Pradesh | 3845 | 3898 | 53 | 1 | 126 | 3833 | 3894 | 61 | 2 | 126 |
| | Telangana | 4345 | 4017 | -328 | -8 | 130 | 4242 | 4013 | -229 | -5 | 129 |
| | KPTCL | 4685 | 5398 | 713 | 15 | 174 | 4503 | 5191 | 688 | 15 | 167 |
| | KSEB | 1830 | 1906 | 76 | 4 | 61 | 1810 | 1902 | 92 | 5 | 61 |
| | TNEB | 7531 | 7181 | -350 | -5 | 232 | 7212 | 7174 | -38 | -1 | 231 |
| | PONDY | 187 | 171 | -16 | -8 | 6 | 187 | 171 | -16 | -9 | 6 |
| TOTAL | 22423 | 22571 | 148 | 1 | 752 | 21787 | 22346 | 559 | 3 | 721 | |
| ER | Bihar | 1328 | 2229 | 901 | 68 | 72 | 1585 | 2016 | 431 | 27 | 65 |
| | JSEB | 700 | 743 | 43 | 6 | 24 | 678 | 717 | 39 | 6 | 23 |
| | DVC | 1705 | 1801 | 96 | 6 | 58 | 1624 | 1801 | 177 | 11 | 58 |
| | Odisha | 2320 | 2083 | -237 | -10 | 67 | 1983 | 2083 | 100 | 5 | 67 |
| | West Bengal | 3288 | 3502 | 214 | 6 | 113 | 3419 | 3498 | 79 | 2 | 113 |
| | Sikkim | 30 | 32 | 2 | 8 | 1 | 30 | 32 | 2 | 8 | 1 |
| TOTAL | 9371 | 10390 | 1019 | 11 | 346 | 9319 | 10147 | 828 | 9 | 327 | |
| NER | Arunachal Pradesh | 65 | 58 | -7 | -11 | 2 | 63 | 57 | -6 | -9 | 2 |
| | Assam | 680 | 656 | -24 | -4 | 21 | 587 | 621 | 34 | 6 | 20 |
| | Manipur | 70 | 78 | 8 | 11 | 3 | 68 | 77 | 9 | 13 | 2 |
| | MeSEB | 182 | 170 | -12 | -7 | 5 | 182 | 169 | -13 | -7 | 5 |
| | Mizoram | 45 | 47 | 2 | 4 | 2 | 43 | 47 | 4 | 8 | 2 |
| | Nagaland | 62 | 69 | 7 | 11 | 2 | 62 | 68 | 6 | 10 | 2 |
| | Tripura | 120 | 79 | -41 | -34 | 3 | 90 | 54 | -35 | -40 | 2 |
| TOTAL | 1224 | 1156 | -68 | -6 | 39 | 1094 | 1093 | -1 | 0 | 35 | |
| ALL INDIA | 88341 | 90393 | 2052 | 2 | 3013 | 85699 | 89356 | 3657 | 4 | 2882 | |

10. DEMAND COMPARISON OF December 2015 Vs December 2014

| REGION | STATE | Peak Requirement (MW) | | | | Peak Met (MW) | | | |
|--------|-------------------|-----------------------|--------|------------|----------|---------------|--------|------------|----------|
| | | Dec-14 | Dec-15 | Difference | % Change | Dec-14 | Dec-15 | Difference | % Change |
| NR | Chandigarh | 252 | 226 | -26 | -10.3 | 252 | 226 | -26 | -10.3 |
| | Delhi | 4210 | 3968 | -242 | -5.7 | 4192 | 3944 | -248 | -5.9 |
| | Haryana | 6480 | 6502 | 22 | 0.3 | 6480 | 6502 | 22 | 0.3 |
| | H.P. | 1417 | 1488 | 71 | 5.0 | 1397 | 1488 | 91 | 6.5 |
| | J&K | 2554 | 2474 | -80 | -3.1 | 2043 | 2099 | 56 | 2.7 |
| | Punjab | 5837 | 6097 | 260 | 4.5 | 5837 | 6097 | 260 | 4.5 |
| | Rajasthan | 10682 | 10478 | -204 | -1.9 | 10682 | 10478 | -204 | -1.9 |
| | U.P. | 13439 | 12786 | -653 | -4.9 | 11779 | 11991 | 212 | 1.8 |
| | Uttarakhand | 1873 | 2025 | 152 | 8.1 | 1873 | 2025 | 152 | 8.1 |
| | NFF/Railway | 100 | 99 | -1 | -1.0 | 100 | 99 | -1 | -1.0 |
| WR | Gujarat | 12414 | 12804 | 390 | 3 | 12418 | 12773 | 355 | 2.9 |
| | Madhya Pradesh | 10089 | 11114 | 1025 | 10 | 10050 | 11114 | 1064 | 10.6 |
| | Chhattisgarh | 3348 | 3747 | 399 | 12 | 3249 | 3478 | 229 | 7.0 |
| | Maharashtra | 19370 | 19560 | 190 | 1 | 19204 | 19536 | 332 | 1.7 |
| | Goa | 451 | 493 | 42 | 9 | 451 | 432 | -19 | -4.2 |
| | D&D | 273 | 293 | 20 | 7.3 | 273 | 293 | 20 | 7.3 |
| | DNH | 681 | 689 | 8 | 1.2 | 681 | 689 | 8 | 1.2 |
| | ESIL | 476 | 586 | 110 | 23.1 | 476 | 586 | 110 | 23.1 |
| SR | Andhra Pradesh | 5993 | 6550 | 557 | 9.3 | 5976 | 6540 | 564 | 9.4 |
| | Telangana | 6664 | 6138 | -526 | -7.9 | 6445 | 6138 | -307 | -4.8 |
| | KPTCL | 9256 | 8990 | -266 | -2.9 | 8967 | 8396 | -571 | -6.4 |
| | KSEB | 3457 | 3482 | 25 | 0.7 | 3390 | 3471 | 81 | 2.4 |
| | TNEB | 12121 | 12684 | 563 | 4.6 | 11638 | 12680 | 1042 | 8.9 |
| | PONDY | 317 | 332 | 15 | 4.7 | 312 | 332 | 20 | 6.4 |
| ER | Bihar | 2550 | 3631 | 1081 | 42.4 | 2710 | 3415 | 705 | 26.0 |
| | JSEB | 1100 | 1149 | 49 | 4.5 | 1118 | 1149 | 31 | 2.8 |
| | DVC | 2750 | 2648 | -102 | -3.7 | 2464 | 2648 | 184 | 7.5 |
| | Odisha | 3650 | 3879 | 229 | 6.3 | 3594 | 3879 | 285 | 7.9 |
| | West Bengal | 6530 | 6468 | -62 | -1.0 | 6610 | 6463 | -147 | -2.2 |
| | Sikkim | 106 | 112 | 6 | 5.7 | 106 | 112 | 6 | 5.7 |
| NER | Arunachal Pradesh | 126 | 133 | 7 | 5.9 | 117 | 132 | 15 | 13.1 |
| | Assam | 1453 | 1319 | -134 | -9.2 | 1204 | 1314 | 110 | 9.1 |
| | Manipur | 141 | 167 | 27 | 18.9 | 139 | 167 | 28 | 20.1 |
| | MeSEB | 371 | 350 | -21 | -5.7 | 367 | 348 | -19 | -5.2 |
| | Mizoram | 91 | 97 | 7 | 7.2 | 86 | 96 | 10 | 11.6 |
| | Nagaland | 126 | 140 | 14 | 11.4 | 123 | 138 | 15 | 12.2 |
| | Tripura | 249 | 222 | -27 | -10.9 | 210 | 221 | 11 | 5.2 |

11. SCHEDULE AND DRAWAL OF CONSTITUENTS - December 2015

| REGION | STATE | SCHEDULE (MU) | ACTUAL DRAWAL (MU) | Over drawal(+)/ Under Drawal(-) (MU) | % OD/UD | SCHEDULE (MU/DAY) | ACTUAL DRAWAL (MU/DAY) | Over drawal(+)/ Under Drawal(-) (MU/DAY) |
|--------|-------------------|---------------|--------------------|--------------------------------------|---------|-------------------|------------------------|--|
| NR | Chandigarh | 110.70 | 117.89 | 7.19 | 6.50 | 3.57 | 3.80 | 0.23 |
| | Delhi | 1440.30 | 1447.60 | 7.30 | 0.51 | 46.46 | 46.70 | 0.24 |
| | Haryana | 1896.53 | 2029.51 | 132.99 | 7.01 | 61.18 | 65.47 | 4.29 |
| | H.P. | 641.25 | 649.93 | 8.68 | 1.35 | 20.69 | 20.97 | 0.28 |
| | J&K | 1104.14 | 1095.93 | -8.21 | -0.74 | 35.62 | 35.35 | -0.26 |
| | Punjab | 1304.90 | 1362.21 | 57.32 | 4.39 | 42.09 | 43.94 | 1.85 |
| | Rajasthan | 2313.14 | 2333.17 | 20.03 | 0.87 | 74.62 | 75.26 | 0.65 |
| | U.P. | 3201.56 | 3170.56 | -31.00 | -0.97 | 103.28 | 102.28 | -1.00 |
| | Uttarakhand | 770.90 | 816.44 | 45.54 | 5.91 | 24.87 | 26.34 | 1.47 |
| | NFF/Railway | 68.27 | 67.63 | -0.65 | -0.95 | 2.20 | 2.18 | -0.02 |
| WR | Gujarat | 2266.86 | 2273.43 | 6.57 | 0.29 | 73.12 | 73.34 | 0.21 |
| | Madhya Pradesh | 3996.10 | 3897.98 | -98.12 | -2.46 | 128.91 | 125.74 | -3.17 |
| | Maharashtra | 2876.25 | 2799.37 | -76.88 | -2.67 | 92.78 | 90.30 | -2.48 |
| | Chhattisgarh | 745.67 | 748.18 | 2.51 | 0.34 | 24.05 | 24.13 | 0.08 |
| | Goa | 245.57 | 246.53 | 0.96 | 0.39 | 7.92 | 7.95 | 0.03 |
| | D&D | 188.35 | 189.35 | 1.00 | 0.53 | 6.08 | 6.11 | 0.03 |
| | D&NH | 483.79 | 478.35 | -5.43 | -1.12 | 15.61 | 15.43 | -0.18 |
| | ESIL | 203.17 | 210.38 | 7.21 | 3.55 | 6.55 | 6.79 | 0.23 |
| SR | Andhra Pradesh | 796.87 | 824 | 26.92 | 3.38 | 25.71 | 26.57 | 0.87 |
| | Telangana | 2557.22 | 2573.61 | 16.39 | 0.64 | 82.49 | 83.02 | 0.53 |
| | KPTCL | 1171.79 | 1238.65 | 66.86 | 5.71 | 37.80 | 39.96 | 2.16 |
| | KSEB | 1421.40 | 1477.88 | 56.48 | 3.97 | 45.85 | 47.67 | 1.82 |
| | TNEB | 3065.25 | 3151.12 | 85.87 | 2.80 | 98.88 | 101.65 | 2.77 |
| | PONDICHERRY | 174.22 | 170.97 | -3.25 | -1.87 | 5.62 | 5.52 | -0.10 |
| ER | Bihar | 1913.62 | 1919 | 4.91 | 0.26 | 61.73 | 61.89 | 0.16 |
| | JSEB | 344.80 | 362 | 16.86 | 4.89 | 11.12 | 11.67 | 0.54 |
| | DVC | -366.38 | -395 | -28.63 | 7.82 | -11.82 | -12.74 | -0.92 |
| | GRIDCO | 691.61 | 709 | 17.43 | 2.52 | 22.31 | 22.87 | 0.56 |
| | WBSEB | 688.55 | 697 | 8.00 | 1.16 | 22.21 | 22.47 | 0.26 |
| | Sikkim | 35.21 | 32 | -2.76 | -7.84 | 1.14 | 1.05 | -0.09 |
| NER | Arunachal Pradesh | 43.23 | 57.23 | 14.00 | 32.39 | 1.39 | 1.85 | 0.45 |
| | Assam | 440.52 | 469.42 | 28.90 | 6.56 | 14.21 | 15.14 | 0.93 |
| | Manipur | 74.69 | 77.12 | 2.43 | 3.25 | 2.41 | 2.49 | 0.08 |
| | MeSEB | 136.88 | 135.88 | -1.00 | -0.73 | 4.42 | 4.38 | -0.03 |
| | Mizoram | 35.15 | 45.90 | 10.76 | 30.61 | 1.13 | 1.48 | 0.35 |
| | Nagaland | 48.89 | 62.67 | 13.78 | 28.18 | 1.58 | 2.02 | 0.44 |
| | Tripura | -22.39 | -8.59 | 13.79 | -61.61 | -0.72 | -0.28 | 0.44 |

12. INTER REGIONAL EXCHANGES 2015-16

| | April'15 | May'15 | June'15 | July'15 | Aug'15 | Sep'15 | Oct'15 | Nov'15 | Dec'15 | Fin. Year 2015-16 Till Dec 2015 |
|--|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|---------------------------------|
| Name of Line | | | | | | | | | | |
| Import of NR from WR (WR-NR) | | | | | | | | | | |
| WR - NR 765 kV Gwalior - Agra D/C | 1166.87 | 1164.39 | 1284.75 | 1186.78 | 1306.76 | 1677.34 | 1742.38 | 1714.87 | 2039.18 | 13283.29 |
| WR-NR 765 kV Gwalior - Phagi D/C | | | | | 406.85 | 663.65 | 613.54 | 664.81 | 786.65 | 3135.49 |
| WR - NR HVDC Vindhychal | 67.20 | 32.23 | 130.54 | 111.79 | 96.42 | 46.36 | 75.48 | 29.58 | 73.02 | 662.60 |
| WR - NR 400 kV Zerda Kankroli | 0.00 | 0.00 | 0.00 | 82.40 | 0.00 | 5.09 | 7.04 | 0.00 | 0.00 | 94.54 |
| WR - NR 400 kV Zerda Bhinmal | 0.00 | 1.87 | 0.00 | 0.00 | 0.00 | 27.25 | 19.37 | 3.93 | 6.16 | 58.58 |
| WR - NR 220 kV Badod - Kota/ Modak | 1.05 | 3.06 | 2.34 | 9.69 | 7.22 | 7.64 | 6.16 | 0.24 | 1.50 | 38.87 |
| WR - NR 220 kV Auraiya - Malanpur/Mehgaon | 1.07 | 0.00 | 0.00 | 1.34 | 0.00 | 2.48 | 0.00 | 0.00 | 0.00 | 4.89 |
| WR - NR 400 kV Vindhychal-Rihand | 330.03 | 339.28 | 252.08 | 242.90 | 337.38 | 314.28 | 18.12 | 0.00 | 0.00 | 1834.07 |
| WR - NR HVDC Mundra - Mohindergarh | 1674.31 | 1705.73 | 1708.08 | 1470.90 | 1473.88 | 1668.84 | 1677.32 | 1440.79 | 1528.89 | 14348.75 |
| Total WR - NR | 3240.52 | 3246.55 | 3377.78 | 3105.80 | 3628.50 | 4412.93 | 4159.41 | 3854.20 | 4435.39 | 33461.09 |
| Import of NR from ER (ER-NR) | | | | | | | | | | |
| ER - NR 765 kV Sasaram - Fatehpur | 3.99 | 121.43 | 35.00 | 58.99 | 48.03 | 31.74 | 4.49 | 34.53 | 13.80 | 351.98 |
| ER - WR 765 kV Gaya - Fatehpur | 57.99 | 62.01 | 73.50 | 136.28 | 134.94 | 127.24 | 68.27 | 114.68 | 133.63 | 908.54 |
| ER - WR 765 kV Gaya - Balia | 16.86 | 61.19 | 42.42 | 44.25 | 60.92 | 99.34 | 69.45 | 106.27 | 146.64 | 647.32 |
| ER-NR 400 kV Patna - Balia 2xD/C | 156.63 | 294.16 | 192.61 | 191.35 | 183.30 | 241.87 | 209.48 | 260.48 | 353.01 | 2082.89 |
| ER - NR 400 kV Muzaffarpur - Gorakhpur D/C | 22.81 | 182.87 | 185.29 | 292.00 | 304.63 | 293.43 | 124.43 | 165.18 | 46.47 | 1617.10 |
| ER - NR 400 kV Biharshariff - Balia D/C | 5.85 | 75.34 | 68.43 | 97.42 | 101.63 | 135.15 | 35.42 | 78.19 | 31.17 | 628.59 |
| ER - NR 400 kV Barh - G'pur D/C | | | 157.93 | 156.20 | 151.31 | 158.29 | 183.25 | 238.28 | 296.67 | 1341.93 |
| ER - NR HVDC Sasaram (Bypass) | 162.04 | 77.34 | 220.42 | 223.96 | 260.28 | 272.08 | 261.28 | 115.16 | 183.06 | 1775.61 |
| ER - NR 220 kV Pusauli - Sahupuri | 102.74 | 123.30 | 98.01 | 100.55 | 100.71 | 87.52 | 104.74 | 87.57 | 89.25 | 894.40 |
| ER - NR 132 kV Sahupuri - Karamnasa | 7.68 | 4.85 | 6.66 | 6.29 | 7.68 | 12.48 | 12.39 | 13.03 | 4.64 | 75.70 |
| ER - NR 132 kV Rihand - Son Nagar | 0.00 | 0.00 | 0.00 | 0.49 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.49 |
| Total ER-NR | 536.58 | 1002.49 | 1080.28 | 1307.78 | 1353.42 | 1459.13 | 1073.19 | 1213.35 | 1298.33 | 10324.56 |
| Import of NR from NER (NER-NR) | | | | | | | | | | |
| NER-NR HVDC Biswanath Chariali - Agra | | | | | | 2.54 | 47.99 | 54.59 | 0.00 | 105.12 |
| Total NER - NR | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.54 | 47.99 | 54.59 | 0.00 | 105.12 |
| Export of NR to WR (NR-WR) | | | | | | | | | | |
| NR - WR 765 kV Gwalior - Agra D/C | 0.00 | 0.00 | 0.00 | 0.14 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.14 |
| NR - WR 765 kV Gwalior - Phagi D/C | | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NR - WR HVDC Vindhychal | 94.41 | 90.93 | 36.10 | 64.31 | 49.48 | 21.18 | 120.34 | 79.88 | 91.14 | 647.76 |
| NR - WR 400 kV Zerda Kankroli | 174.57 | 155.75 | 103.03 | 117.93 | 117.89 | 42.27 | 49.02 | 73.24 | 89.80 | 923.50 |
| NR - WR 400 kV Zerda Bhinmal | 135.49 | 107.23 | 70.40 | 102.81 | 100.40 | 24.06 | 27.93 | 19.32 | 34.30 | 621.95 |
| NR - WR 220 kV Badod - Kota/ Modak | 36.54 | 20.87 | 14.34 | 10.96 | 8.15 | 16.77 | 37.97 | 53.15 | 30.02 | 228.76 |
| NR - WR 220 kV Auraiya - Malanpur/Mehgaon | 29.00 | 15.48 | 1.03 | 17.80 | 36.20 | 20.43 | 53.29 | 57.46 | 40.59 | 271.28 |
| NR-WR 400 kV Rihand-Vindhychal | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NR - WR HVDC Mundra - Mohindergarh | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total NR - WR | 470.02 | 390.26 | 224.89 | 313.96 | 312.12 | 124.71 | 288.53 | 283.04 | 285.86 | 2693.39 |
| Export of NR to ER (NR-ER) | | | | | | | | | | |
| NR - ER 765 kV Sasaram - Fatehpur | 53.29 | 2.60 | 20.49 | 7.44 | 13.86 | 9.53 | 52.09 | 9.53 | 18.70 | 187.51 |
| NR - ER 765 kV Gaya - Fatehpur | 0.62 | 0.00 | 0.37 | 0.00 | 0.00 | 0.00 | 1.23 | 0.00 | 0.00 | 2.22 |
| NR - ER 765 kV Gaya - Balia | 1.75 | 0.61 | 0.36 | 3.34 | 0.00 | 3.63 | 0.03 | 0.00 | 0.00 | 9.71 |
| NR - ER 400 kV Patna - Balia 2xD/C | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NR - ER 400 kV Muzaffarpur - Gorakhpur D/C | 9.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 5.22 | 0.95 | 40.88 | 56.23 |
| NR - ER 400 kV Biharshariff - Balia D/C | 30.97 | 3.54 | 4.97 | 0.00 | 0.00 | 1.55 | 9.08 | 1.26 | 6.50 | 57.87 |
| ER - NR 400 kV Barh - G'pur D/C | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| NR - ER HVDC Sasaram (Bypass) | 12.49 | 155.54 | 18.18 | 5.78 | 0.00 | 0.00 | 0.00 | 33.07 | 12.19 | 237.26 |
| NR - ER 220 kV Pusauli - Sahupuri | 7.79 | 0.00 | 2.95 | 4.61 | 4.00 | 5.39 | 0.00 | 0.00 | 2.88 | 27.61 |
| NR - ER 132 kV Sahupuri - Karamnasa | 2.40 | 0.50 | 0.96 | 0.48 | 0.48 | 1.44 | 0.48 | 0.96 | 4.92 | 12.62 |
| NR - ER 132 kV Rihand - Son Nagar | 22.33 | 23.85 | 23.95 | 16.23 | 25.28 | 19.42 | 18.03 | 17.86 | 16.06 | 183.02 |
| Total NR - ER | 140.82 | 186.63 | 72.23 | 37.88 | 43.62 | 40.95 | 86.15 | 63.62 | 102.14 | 774.06 |
| Export of NR to NER (NR-NE) | | | | | | | | | | |
| NR-NE HVDC Biswanath Chariali - Agra | | | | | | 1.96 | 0.00 | 245.40 | 357.31 | 604.67 |
| Total NR - NER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.96 | 0.00 | 245.40 | 357.31 | 604.67 |

| | | | | | | | | | | |
|---|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-----------------|
| Export of WR to ER (WR-ER) | | | | | | | | | | |
| WR - ER 765 kV Ranchi - Dharamjaygarh | 1.94 | 17.79 | 10.97 | 12.35 | 79.83 | 96.71 | 54.65 | 0.32 | 0.00 | 274.55 |
| WR - ER 400 kV Sipat - Ranchi D/C | 1.94 | 21.14 | 60.56 | 26.05 | 126.20 | 176.46 | 178.43 | 116.19 | 116.73 | 823.70 |
| WR - ER 400 kV Raigarh - Sterlite D/C | 0.12 | 0.36 | 4.48 | 6.18 | 71.00 | 88.77 | 93.74 | 40.86 | 30.61 | 336.10 |
| WR - ER 765 kV Dharamjaygarh - Jharsuguda D/C | 7.73 | 25.18 | 31.06 | 32.79 | 37.11 | 18.00 | 0.47 | 0.00 | 0.00 | 152.34 |
| WR - ER 400 kV Raigarh - Jharsuguda D/C | 0.00 | 0.00 | 2.78 | 6.35 | 83.20 | 180.04 | 243.76 | 155.47 | 134.43 | 806.03 |
| WR - ER 220 kV Korba - Budhipadar D/C | 0.25 | 5.70 | 0.99 | 4.62 | 3.23 | 1.96 | 1.62 | 1.10 | 1.21 | 20.69 |
| WR - ER 220 kV Raigarh - Budhipadar | 0.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.82 |
| Total WR - ER | 12.80 | 70.17 | 110.84 | 88.34 | 400.57 | 561.94 | 572.67 | 313.94 | 282.97 | 2414.23 |
| Import of WR from ER (ER - WR) | | | | | | | | | | |
| ER - WR 765 kV Ranchi - Dharamjaygarh | 2.18 | 17.23 | 6.16 | 17.76 | 2.08 | 1.81 | 18.53 | 27.51 | 66.41 | 159.68 |
| ER - WR 400 kV Sipat - Ranchi D/C | 2.66 | 11.84 | 1.68 | 5.17 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 21.36 |
| ER - WR 400 kV Raigarh - Sterlite D/C | 232.49 | 308.83 | 244.90 | 150.11 | 57.24 | 131.52 | 96.60 | 105.40 | 63.82 | 1390.91 |
| ER - WR 400 kV Dharamjaygarh - Jharsuguda D/C | 63.81 | 97.48 | 79.08 | 41.61 | 37.07 | 94.38 | 255.57 | 285.74 | 342.24 | 1296.98 |
| ER - WR 400 kV Raigarh - Jharsuguda D/C | 28.29 | 43.07 | 19.12 | 56.28 | 0.26 | 1.40 | 0.00 | 0.00 | 0.00 | 148.42 |
| ER - WR 220 kV Korba - Budhipadar D/C | 24.54 | 20.37 | 61.78 | 43.52 | 40.39 | 20.63 | 13.77 | 14.91 | 16.47 | 256.38 |
| ER - WR 220 kV Raigarh - Budhipadar | 73.09 | 54.74 | 0.00 | 18.17 | 83.28 | 69.91 | 77.28 | 71.61 | 68.53 | 516.60 |
| Total ER - WR | 427.06 | 553.56 | 412.72 | 332.63 | 220.33 | 319.65 | 461.75 | 505.17 | 557.46 | 3790.32 |
| Export of ER to NER | | | | | | | | | | |
| ER - NER 400 kV Binaguri - Bongaigaon 2xD/C | 206.56 | 212.27 | 54.30 | 0.33 | 5.24 | 9.12 | 96.72 | 49.33 | 13.73 | 647.59 |
| ER - NER 220 kV Birpara - Salakati D/C | 29.33 | 52.31 | 39.44 | 35.76 | 39.66 | 41.51 | 49.72 | 7.63 | 1.55 | 296.92 |
| Total ER - NER | 235.90 | 264.59 | 93.74 | 36.09 | 44.90 | 50.63 | 146.44 | 56.96 | 15.28 | 944.51 |
| Import of ER from NER (NER - ER) | | | | | | | | | | |
| NER - ER 400 kV Binaguri - Bongaigaon 2xD/C | 0.00 | 0.00 | 46.09 | 116.25 | 188.28 | 171.37 | 34.22 | 132.31 | 67.57 | 756.09 |
| NER - ER 220 kV Birpara - Salakati D/C | 0.00 | 0.00 | 0.10 | 2.12 | 0.92 | 0.00 | 0.18 | 10.09 | 12.09 | 25.50 |
| Total NER - ER | 0.00 | 0.00 | 46.19 | 118.37 | 189.20 | 171.37 | 34.40 | 142.39 | 79.66 | 781.59 |
| Export of ER to SR (ER - SR) | | | | | | | | | | |
| ER - SR HVDC Gazuwaka | 443.51 | 469.85 | 441.50 | 526.03 | 500.04 | 486.72 | 519.36 | 452.31 | 469.69 | 4309.02 |
| ER - SR HVDC Talchar - Kolar | 1360.36 | 1428.22 | 1193.46 | 1441.16 | 1443.65 | 1359.19 | 1482.82 | 1336.36 | 1344.02 | 12389.24 |
| Total ER - SR | 1803.87 | 1898.08 | 1634.95 | 1967.19 | 1943.69 | 1845.92 | 2002.19 | 1788.67 | 1813.71 | 16698.26 |
| Import of ER from SR (SR - ER) | | | | | | | | | | |
| SR - ER HVDC Gazuwaka | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SR - ER HVDC Talchar - Kolar | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total SR - ER | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Export of WR to SR (WR-SR) | | | | | | | | | | |
| WR - SR HVDC Bhadravati | 708.30 | 709.31 | 695.57 | 715.62 | 710.55 | 690.39 | 727.48 | 649.77 | 617.13 | 6224.11 |
| WR - SR 765 kV Sholapur - Raichur | 263.68 | 315.71 | 304.74 | 343.65 | 308.18 | 249.03 | 740.02 | 757.35 | 932.77 | 4215.12 |
| WR - SR 400KV Kolhapur-Kudgi D/C | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 25.15 | 95.61 | 120.76 |
| Total WR - SR | 971.98 | 1025.03 | 1000.31 | 1059.27 | 1018.72 | 939.42 | 1467.49 | 1432.26 | 1645.52 | 10559.99 |
| Import of WR from SR (SR - WR) | | | | | | | | | | |
| SR - WR HVDC Bhadravati | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| SR - WR 765 kV Raichur - Sholapur | 17.71 | 10.54 | 11.13 | 7.96 | 11.62 | 19.97 | 6.01 | 3.68 | 0.00 | 88.62 |
| SR - WR 400KV Kolhapur-Kudgi D/C | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 3.09 | 3.09 |
| Total SR - WR | 17.71 | 10.54 | 11.13 | 7.96 | 11.62 | 19.97 | 6.01 | 3.68 | 3.09 | 91.72 |
| TOTAL ALL INDIA | 7857 | 8648 | 8065 | 8375 | 9167 | 9951 | 10346 | 9957 | 10877 | 83243.50 |

| 12.1 Import of NR from WR & ER during Dec 2015 | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------------------------|---------------------------------|---------------------|--------------------------------|-------------------------------|-------------------------------------|--|----------------------------------|------------------------------|---------------|-----------------------------------|--------------------------------|-----------------------------|-----------------------------------|--|---------------------------------------|---------------------------------|-------------------------------|-----------------------------------|----------------------------------|-----------------------------------|--------------------------------|---------------------------------------|--------------|
| Date | Import of NR from WR (WR-NR) | | | | | | | | | | Import of NR from ER (ER-NR) | | | | | | | | | | | Import of NR from NER (NER-NR) | | |
| | WR - NR 765 kV Gwalior - Agra D/C | WR-NR 765 kV Gwalior- Phagi D/C | WR - NR HVDC V'chal | WR - NR 400 kV Zerdak-Kankroli | WR - NR 400 kV Zerdak-Bhinmal | WR - NR 220 kV Badod - Kota / Modak | WR - NR 220 kV Auraiya - Malanpur / Mehaon | WR-NR 400 KV Rihand Vindhayachal | WR - NR HVDC Mundra - M'garh | Total WR - NR | ER - NR 765 kV Sasaram - Fatehpur | ER - WR 765 kV Gaya - Fatehpur | ER - WR 765 kV Gaya - Balla | ER-NR 400 kV Patna - Ballia 2x0/C | ER - NR 400 kV Muzaffarpur - G'pur D/C | ER - NR 400 kV B'shariff - Ballia D/C | ER - NR 400 kV Barh - G'pur D/C | ER - NR HVDC Sasaram (Bypass) | ER - NR 220 kV Pusauli - Sahupuri | ER - NR 132 kV Sahupuri - K'nasa | ER - NR 132 kV Rihand - Son Nagar | Total ER - NR | NER-NR HVDC Biswanath Chariali - Agra | Total NER-NR |
| 1-Dec-15 | 61.43 | 26.75 | 1.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 34.07 | 123.95 | 0.00 | 3.38 | 2.83 | 9.22 | 6.15 | 1.79 | 8.32 | 5.93 | 3.54 | 0.00 | 0.00 | 41.16 | 0.00 | 0.00 |
| 2-Dec-15 | 65.63 | 27.10 | 3.05 | 0.00 | 1.79 | 0.00 | 0.00 | 0.00 | 30.81 | 128.38 | 1.07 | 0.50 | 5.00 | 7.81 | 6.22 | 2.00 | 7.33 | 4.84 | 2.91 | 0.00 | 0.00 | 37.68 | 0.00 | 0.00 |
| 3-Dec-15 | 68.93 | 28.62 | 1.24 | 0.00 | 1.35 | 0.00 | 0.00 | 0.00 | 27.59 | 127.73 | 3.02 | 0.48 | 4.40 | 8.80 | 8.01 | 2.27 | 9.15 | 4.60 | 2.72 | 0.00 | 0.00 | 43.44 | 0.00 | 0.00 |
| 4-Dec-15 | 65.14 | 29.00 | 1.20 | 0.00 | 1.19 | 0.00 | 0.00 | 0.00 | 32.11 | 128.64 | 1.66 | 5.67 | 2.99 | 11.26 | 5.44 | 2.53 | 10.28 | 6.19 | 3.20 | 0.00 | 0.00 | 49.23 | 0.00 | 0.00 |
| 5-Dec-15 | 65.72 | 25.90 | 1.98 | 0.00 | 0.63 | 0.00 | 0.00 | 0.00 | 34.09 | 128.32 | 0.78 | 5.16 | 4.08 | 12.50 | 1.23 | 1.47 | 10.73 | 6.09 | 3.51 | 0.00 | 0.00 | 45.56 | 0.00 | 0.00 |
| 6-Dec-15 | 59.51 | 24.52 | 1.29 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 48.20 | 133.52 | 0.00 | 3.57 | 4.67 | 12.34 | 1.93 | 2.16 | 10.05 | 6.04 | 3.47 | 0.48 | 0.00 | 44.69 | 0.00 | 0.00 |
| 7-Dec-15 | 64.53 | 26.00 | 0.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 91.18 | 0.41 | 4.34 | 4.01 | 12.84 | 1.92 | 2.14 | 10.08 | 6.09 | 2.74 | 0.48 | 0.00 | 45.05 | 0.00 | 0.00 |
| 8-Dec-15 | 65.01 | 27.01 | 1.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 55.68 | 149.13 | 2.22 | 0.00 | 7.36 | 12.08 | 0.00 | 1.99 | 11.47 | 0.00 | 0.00 | 0.48 | 0.00 | 35.59 | 0.00 | 0.00 |
| 9-Dec-15 | 69.19 | 31.99 | 2.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 53.52 | 157.55 | 0.00 | 5.17 | 7.25 | 11.29 | 1.82 | 3.76 | 11.91 | 2.24 | 3.14 | 0.32 | 0.00 | 46.90 | 0.00 | 0.00 |
| 10-Dec-15 | 72.06 | 32.47 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 55.84 | 160.71 | 0.83 | 6.31 | 6.28 | 13.86 | 1.72 | 2.52 | 11.31 | 8.07 | 2.94 | 0.00 | 0.00 | 53.84 | 0.00 | 0.00 |
| 11-Dec-15 | 68.44 | 28.10 | 0.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 58.32 | 155.70 | 0.15 | 4.82 | 6.04 | 12.40 | 0.91 | 2.52 | 10.21 | 6.05 | 3.11 | 0.00 | 0.00 | 46.21 | 0.00 | 0.00 |
| 12-Dec-15 | 59.50 | 25.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 60.46 | 145.83 | 0.31 | 4.34 | 5.10 | 11.52 | 1.59 | 1.87 | 9.84 | 4.95 | 3.19 | 0.00 | 0.00 | 42.71 | 0.00 | 0.00 |
| 13-Dec-15 | 58.78 | 25.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 60.46 | 144.69 | 0.00 | 4.25 | 5.07 | 12.62 | 0.76 | 1.48 | 10.29 | 6.07 | 3.15 | 0.96 | 0.00 | 44.65 | 0.00 | 0.00 |
| 14-Dec-15 | 61.11 | 27.93 | 2.43 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 52.36 | 143.83 | 0.58 | 5.71 | 3.45 | 9.60 | 0.00 | 0.00 | 9.50 | 6.04 | 2.92 | 0.96 | 0.00 | 38.77 | 0.00 | 0.00 |
| 15-Dec-15 | 62.50 | 25.58 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 45.91 | 133.98 | 0.30 | 5.57 | 3.41 | 8.65 | 0.00 | 0.00 | 9.32 | 6.08 | 2.92 | 0.00 | 0.00 | 36.25 | 0.00 | 0.00 |
| 16-Dec-15 | 64.55 | 28.57 | 0.35 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 48.51 | 141.97 | 0.21 | 5.00 | 3.71 | 10.46 | 0.00 | 0.20 | 9.40 | 6.99 | 2.80 | 0.00 | 0.00 | 38.77 | 0.00 | 0.00 |
| 17-Dec-15 | 65.24 | 25.18 | 0.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 44.64 | 135.96 | 0.35 | 6.01 | 4.62 | 11.43 | 0.00 | 0.08 | 9.56 | 8.28 | 2.84 | 0.00 | 0.00 | 43.17 | 0.00 | 0.00 |
| 18-Dec-15 | 64.58 | 20.51 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 53.42 | 138.66 | 0.00 | 5.50 | 4.35 | 11.21 | 0.00 | 0.00 | 9.70 | 8.12 | 3.15 | 0.00 | 0.00 | 42.02 | 0.00 | 0.00 |
| 19-Dec-15 | 62.85 | 20.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 53.19 | 136.96 | 0.00 | 5.04 | 5.16 | 12.77 | 0.00 | 0.04 | 9.67 | 8.82 | 3.17 | 0.00 | 0.00 | 44.67 | 0.00 | 0.00 |
| 20-Dec-15 | 64.04 | 21.45 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 51.26 | 136.76 | 0.00 | 3.64 | 4.87 | 11.95 | 0.00 | 0.00 | 9.64 | 8.97 | 3.18 | 0.00 | 0.00 | 42.25 | 0.00 | 0.00 |
| 21-Dec-15 | 66.06 | 22.05 | 0.62 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 55.66 | 144.39 | 0.00 | 4.21 | 5.31 | 13.09 | 3.94 | 1.14 | 9.91 | 3.65 | 3.08 | 0.00 | 0.00 | 44.34 | 0.00 | 0.00 |
| 22-Dec-15 | 68.10 | 22.30 | 5.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 57.25 | 152.81 | 0.00 | 4.45 | 4.37 | 12.53 | 4.84 | 0.00 | 10.24 | 1.89 | 3.37 | 0.00 | 0.00 | 41.69 | 0.00 | 0.00 |
| 23-Dec-15 | 69.93 | 25.67 | 10.73 | 0.00 | 0.00 | 0.77 | 0.00 | 0.00 | 58.49 | 165.59 | 1.53 | 5.44 | 5.17 | 10.04 | 0.00 | 1.21 | 10.13 | 0.00 | 0.00 | 0.00 | 0.00 | 33.52 | 0.00 | 0.00 |
| 24-Dec-15 | 69.35 | 24.35 | 6.53 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 58.15 | 158.38 | 0.36 | 3.83 | 5.11 | 11.67 | 0.00 | 0.00 | 7.07 | 3.06 | 3.74 | 0.00 | 0.00 | 34.84 | 0.00 | 0.00 |
| 25-Dec-15 | 67.12 | 22.25 | 10.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 60.46 | 160.17 | 0.00 | 3.67 | 4.03 | 8.47 | 0.00 | 0.00 | 8.85 | 8.95 | 3.78 | 0.48 | 0.00 | 38.23 | 0.00 | 0.00 |
| 26-Dec-15 | 70.63 | 26.18 | 10.16 | 0.00 | 0.64 | 0.00 | 0.00 | 0.00 | 52.28 | 159.89 | 0.00 | 5.05 | 4.64 | 10.61 | 0.00 | 0.00 | 10.01 | 8.92 | 3.65 | 0.00 | 0.00 | 42.88 | 0.00 | 0.00 |
| 27-Dec-15 | 67.41 | 23.27 | 1.95 | 0.00 | 0.15 | 0.02 | 0.00 | 0.00 | 53.48 | 146.28 | 0.00 | 3.71 | 4.59 | 10.81 | 0.00 | 0.00 | 9.62 | 0.00 | 0.00 | 0.00 | 0.00 | 28.72 | 0.00 | 0.00 |
| 28-Dec-15 | 69.94 | 25.55 | 3.54 | 0.00 | 0.42 | 0.23 | 0.00 | 0.00 | 55.14 | 154.82 | 0.00 | 4.56 | 4.33 | 12.51 | 0.00 | 0.00 | 8.88 | 9.01 | 3.27 | 0.00 | 0.00 | 42.57 | 0.00 | 0.00 |
| 29-Dec-15 | 67.04 | 22.16 | 1.44 | 0.00 | 0.00 | 0.33 | 0.00 | 0.00 | 60.45 | 151.41 | 0.00 | 5.13 | 4.64 | 13.40 | 0.00 | 0.00 | 8.25 | 9.02 | 2.93 | 0.00 | 0.00 | 43.36 | 0.00 | 0.00 |
| 30-Dec-15 | 66.88 | 20.51 | 0.97 | 0.00 | 0.00 | 0.13 | 0.00 | 0.00 | 59.77 | 148.26 | 0.00 | 4.63 | 4.78 | 13.29 | 0.00 | 0.00 | 8.10 | 9.05 | 3.29 | 0.48 | 0.00 | 43.61 | 0.00 | 0.00 |
| 31-Dec-15 | 67.98 | 23.45 | 1.16 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 57.35 | 149.96 | 0.00 | 4.48 | 5.00 | 12.01 | 0.00 | 0.00 | 7.86 | 9.05 | 3.56 | 0.00 | 0.00 | 41.95 | 0.00 | 0.00 |
| Total | 2039.18 | 786.65 | 73.02 | 0.00 | 6.16 | 1.50 | 0.00 | 0.00 | 1528.89 | 4435.39 | 13.80 | 133.63 | 146.64 | 353.01 | 46.47 | 31.17 | 296.67 | 183.06 | 89.25 | 4.64 | 0.00 | 1298.33 | 0.00 | 0.00 |

| 12.2 Export of NR to WR & ER during Dec 2015 | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------------------------|--------------------------------|---------------------|------------------------------|------------------------------|-------------------------------------|---|---------------------------------|-----------------------------|---------------|-----------------------------------|--------------------------------|------------------------------|-------------------------------------|--|---------------------------------------|---------------------------------|--------------------------------|-----------------------------------|----------------------------------|-----------------------------------|---------------|---------------------------------------|--------------|
| Date | Export of NR to WR (NR- WR) | | | | | | | | | | Export of NR to ER (NR- ER) | | | | | | | | | | Export of NR to NER (NR-NER) | | | |
| | WR - NR 765 kV Gwalior - Agra D/C | WR-NR 765 kV Gwalior-Phagi D/C | WR - NR HVDC V chal | WR - NR 400 kV Zerdakankroti | WR - NR 400 kV ZerdakBhimnal | WR - NR 220 kV Badod - Kota / Modak | WR - NR 220 kV Auraiya - Malanpur / Mehgaon | WR-NR 400 kV Rihand-Vindhyachal | WR - NR HVDC Mundra - Mgarh | Total NR - WR | ER - NR 765 kV Sasaram - Fatehpur | ER - NR 765 kV Gaya - Fatehpur | ER - NR 765 kV Gaya - Ballia | ER-NR 400 kV Patna - Ballia 2x2/D/C | ER - NR 400 kV Muzaffarpur - G'pur D/C | ER - NR 400 kV B'shariff - Ballia D/C | ER - NR 400 kV Barh - G'pur D/C | ER - NR HVDC Sasaram (Byepass) | ER - NR 220 kV Pusauli - Sahupuri | ER - NR 132 kV Sahupuri - K'nasa | ER - NR 132 kV Rihand - Son Nagar | Total NR - ER | NER-NR HVDC Biswanath Chariali - Agra | Total NR-NER |
| 1-Dec-15 | 0.00 | 0.00 | 0.49 | 2.21 | 0.27 | 2.37 | 1.32 | 0.00 | 0.00 | 6.65 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.48 | -0.77 | -0.16 | 10.65 | 10.65 |
| 2-Dec-15 | 0.00 | 0.00 | 2.14 | 0.09 | 0.00 | 1.81 | 0.20 | 0.00 | 0.00 | 4.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.77 | 0.77 | 9.58 | 9.58 |
| 3-Dec-15 | 0.00 | 0.00 | 1.39 | 0.53 | 0.00 | 1.87 | 1.08 | 0.00 | 0.00 | 4.87 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.77 | 0.77 | 10.56 | 10.56 |
| 4-Dec-15 | 0.00 | 0.00 | 3.26 | 0.81 | 0.00 | 1.77 | 1.24 | 0.00 | 0.00 | 7.08 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.75 | 0.75 | 12.26 | 12.26 |
| 5-Dec-15 | 0.00 | 0.00 | 2.38 | 1.44 | 0.00 | 1.63 | 1.03 | 0.00 | 0.00 | 6.48 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.75 | 0.75 | 12.11 | 12.11 |
| 6-Dec-15 | 0.00 | 0.00 | 5.39 | 3.69 | 1.39 | 2.22 | 1.46 | 0.00 | 0.00 | 14.15 | 0.26 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.70 | 0.96 | 12.21 | 12.21 |
| 7-Dec-15 | 0.00 | 0.00 | 3.48 | 3.73 | 1.43 | 2.10 | 1.26 | 0.00 | 0.00 | 12.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.60 | 0.60 | 12.22 | 12.22 |
| 8-Dec-15 | 0.00 | 0.00 | 0.66 | 3.72 | 1.63 | 1.92 | 1.26 | 0.00 | 0.00 | 9.19 | 0.00 | 0.00 | 0.00 | 0.00 | 0.26 | 0.00 | 0.00 | 1.48 | 2.88 | 0.00 | 0.63 | 5.25 | 9.12 | 9.12 |
| 9-Dec-15 | 0.00 | 0.00 | 0.27 | 3.45 | 1.97 | 1.74 | 1.00 | 0.00 | 0.00 | 8.42 | 2.23 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.86 | 0.00 | 0.00 | 0.59 | 3.68 | 12.20 | 12.20 |
| 10-Dec-15 | 0.00 | 0.00 | 2.99 | 2.75 | 0.54 | 0.89 | 0.75 | 0.00 | 0.00 | 7.93 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.60 | 0.60 | 12.10 | 12.10 |
| 11-Dec-15 | 0.00 | 0.00 | 6.00 | 4.42 | 2.71 | 0.98 | 0.55 | 0.00 | 0.00 | 14.66 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 0.59 | 12.17 | 12.17 |
| 12-Dec-15 | 0.00 | 0.00 | 6.26 | 3.65 | 1.59 | 0.93 | 1.43 | 0.00 | 0.00 | 13.85 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 0.59 | 12.12 | 12.12 |
| 13-Dec-15 | 0.00 | 0.00 | 8.96 | 3.34 | 0.96 | 1.04 | 1.47 | 0.00 | 0.00 | 15.77 | 0.27 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.57 | 0.84 | 12.09 | 12.09 |
| 14-Dec-15 | 0.00 | 0.00 | 4.04 | 2.99 | 0.68 | 1.05 | 1.69 | 0.00 | 0.00 | 10.45 | 0.00 | 0.00 | 0.00 | 0.00 | 1.83 | 0.76 | 0.00 | 0.00 | 0.00 | 0.00 | 0.57 | 3.15 | 9.02 | 9.02 |
| 15-Dec-15 | 0.00 | 0.00 | 2.73 | 3.65 | 1.48 | 0.94 | 1.63 | 0.00 | 0.00 | 10.43 | 0.00 | 0.00 | 0.00 | 0.00 | 3.17 | 1.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.57 | 4.87 | 11.18 | 11.18 |
| 16-Dec-15 | 0.00 | 0.00 | 3.11 | 4.61 | 2.78 | 0.75 | 1.43 | 0.00 | 0.00 | 12.68 | 0.00 | 0.00 | 0.00 | 0.00 | 1.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.53 | 1.83 | 11.54 | 11.54 |
| 17-Dec-15 | 0.00 | 0.00 | 3.06 | 3.90 | 2.31 | 0.20 | 1.54 | 0.00 | 0.00 | 11.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.28 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 1.78 | 12.07 | 12.07 |
| 18-Dec-15 | 0.00 | 0.00 | 4.74 | 3.49 | 1.72 | 1.16 | 1.60 | 0.00 | 0.00 | 12.72 | 0.07 | 0.00 | 0.00 | 0.00 | 1.54 | 0.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.56 | 2.20 | 12.13 | 12.13 |
| 19-Dec-15 | 0.00 | 0.00 | 8.30 | 3.32 | 1.44 | 0.77 | 1.84 | 0.00 | 0.00 | 15.67 | 0.79 | 0.00 | 0.00 | 0.00 | 2.90 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.48 | 4.16 | 11.47 | 11.47 |
| 20-Dec-15 | 0.00 | 0.00 | 9.76 | 3.44 | 1.31 | 0.91 | 1.35 | 0.00 | 0.00 | 16.77 | 2.37 | 0.00 | 0.00 | 0.00 | 5.09 | 0.69 | 0.00 | 0.00 | 0.00 | 0.00 | 0.54 | 8.68 | 12.12 | 12.12 |
| 21-Dec-15 | 0.00 | 0.00 | 6.69 | 3.69 | 1.62 | 1.11 | 1.14 | 0.00 | 0.00 | 14.25 | 1.04 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 6.05 | 0.00 | 0.00 | 0.57 | 7.66 | 7.73 | 7.73 |
| 22-Dec-15 | 0.00 | 0.00 | 1.02 | 4.03 | 1.77 | 0.98 | 1.20 | 0.00 | 0.00 | 9.00 | 0.53 | 0.00 | 0.00 | 0.00 | 0.00 | -2.07 | 0.00 | 0.00 | 0.00 | 0.00 | 0.58 | -0.96 | 11.61 | 11.61 |
| 23-Dec-15 | 0.00 | 0.00 | 0.00 | 4.22 | 2.03 | 0.00 | 1.33 | 0.00 | 0.00 | 7.58 | 0.00 | 0.00 | 0.00 | 0.00 | 1.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.55 | 1.65 | 15.41 | 15.41 |
| 24-Dec-15 | 0.00 | 0.00 | 0.00 | 3.32 | 1.65 | 0.45 | 1.45 | 0.00 | 0.00 | 6.86 | 0.00 | 0.00 | 0.00 | 0.00 | 1.14 | 0.87 | 0.00 | 3.80 | 0.00 | 0.48 | 0.55 | 6.84 | 12.10 | 12.10 |
| 25-Dec-15 | 0.00 | 0.00 | 0.00 | 3.00 | 1.21 | 0.28 | 1.54 | 0.00 | 0.00 | 6.03 | 2.15 | 0.00 | 0.00 | 0.00 | 2.96 | 1.38 | 0.00 | 0.00 | 0.00 | 0.00 | 0.59 | 7.08 | 12.01 | 12.01 |
| 26-Dec-15 | 0.00 | 0.00 | 0.00 | 1.51 | 0.00 | 0.17 | 1.37 | 0.00 | 0.00 | 3.05 | 1.00 | 0.00 | 0.00 | 0.00 | 2.23 | 0.53 | 0.00 | 0.00 | 0.00 | 3.48 | 0.60 | 7.84 | 12.07 | 12.07 |
| 27-Dec-15 | 0.00 | 0.00 | 0.27 | 1.92 | 0.00 | 0.00 | 1.48 | 0.00 | 0.00 | 3.67 | 2.02 | 0.00 | 0.00 | 0.00 | 3.09 | 0.46 | 0.00 | 0.00 | 0.00 | 0.00 | 0.60 | 6.16 | 12.03 | 12.03 |
| 28-Dec-15 | 0.00 | 0.00 | 0.00 | 1.41 | 0.00 | 0.00 | 1.34 | 0.00 | 0.00 | 2.75 | 1.59 | 0.00 | 0.00 | 0.00 | 3.09 | 0.92 | 0.00 | 0.00 | 0.00 | 0.00 | -0.57 | 5.02 | 11.43 | 11.43 |
| 29-Dec-15 | 0.00 | 0.00 | 1.73 | 1.90 | 0.01 | 0.00 | 1.56 | 0.00 | 0.00 | 5.20 | 1.15 | 0.00 | 0.00 | 0.00 | 3.06 | 0.70 | 0.00 | 0.00 | 0.00 | 0.00 | 0.60 | 5.51 | 10.96 | 10.96 |
| 30-Dec-15 | 0.00 | 0.00 | 0.79 | 2.50 | 0.38 | 0.00 | 1.54 | 0.00 | 0.00 | 5.21 | 1.51 | 0.00 | 0.00 | 0.00 | 3.09 | 0.55 | 0.00 | 0.00 | 0.00 | 0.00 | 0.55 | 5.70 | 12.02 | 12.02 |
| 31-Dec-15 | 0.00 | 0.00 | 1.25 | 3.08 | 1.42 | 0.00 | 1.51 | 0.00 | 0.00 | 7.27 | 1.59 | 0.00 | 0.00 | 0.00 | 3.78 | 0.56 | 0.00 | 0.00 | 0.00 | 0.48 | 0.58 | 6.99 | 11.02 | 11.02 |
| Total | 0.00 | 0.00 | 91.14 | 89.80 | 34.30 | 30.02 | 40.59 | 0.00 | 0.00 | 285.86 | 18.70 | 0.00 | 0.00 | 0.00 | 40.88 | 6.50 | 0.00 | 12.19 | 2.88 | 4.92 | 16.06 | 102.14 | 357.31 | 357.31 |

| Date | 12.3 Import - Export of ER with WR & NER during Dec 2015 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|-----------|--|-----------------------------------|-----------------------------------|---|-------------------------------------|-----------------------------------|-------------------------------------|---------------------------------------|-------------------------------------|---------------|---|-----------------------------------|-----------------------------------|---|-----------------------------------|---------------------------------|-------------------------------------|---------------------------------------|-------------------------------------|---------------|-----------------------------------|----------------------------------|--|--|----------------|-----------------------------------|----------------------------------|--|--|----------------|
| | Export of WR to ER (WR-ER) | | | | | | | | | | Import of WR from ER (ER - WR) | | | | | | | | | | Export of ER to NER (ER-NER) | | | | | Import of ER from NER (NER-ER) | | | | |
| | WR - ER 765 kV Dharamjaygarh - Ranchi D/C | WR - ER 400 kV Sipat - Ranchi D/C | WR - ER 400 kV Raigarh - Sterlite | WR - ER 765 kV Dharamjaygarh - Jharsuguda | WR - ER 400 kV Raigarh - IND Bharat | WR - ER 400 kV Raigarh - Rourkela | WR - ER 400 kV Raigarh - Jharsuguda | WR - ER 220 kV Korba - Budhipadar D/C | WR - ER 220 kV Raigarh - Budhipadar | Total WR - ER | WR - ER 765 kV Dharamjaygarh - Ranchi D/C | ER - WR 400 kV Sipat - Ranchi D/C | ER - WR 400 kV Raigarh - Sterlite | ER_WR 765 kV Dharamjaygarh - Jharsuguda | ER_WR 400 kV Raigarh - IND Bharat | ER_WR 400 kV Raigarh - Rourkela | ER - WR 400 kV Raigarh - Jharsuguda | ER - WR 220 kV Korba - Budhipadar D/C | ER - WR 220 kV Raigarh - Budhipadar | Total ER - WR | ER - NER 132 kV Geyegghu-Salakati | ER - NER 132 kV Deothan g-Rangia | ER - NER 400 kV Binaguri - Bongaigaon 2x2D/C | ER - NER 220 kV Birpara - Salakati D/C | Total ER - NER | ER - NER 132 kV Geyegghu-Salakati | ER - NER 132 kV Deothan g-Rangia | NER - ER 400 kV Binaguri - Bongaigaon 2x2D/C | NER - ER 220 kV Birpara - Salakati D/C | Total NER - ER |
| 1-Dec-15 | 0.0 | 4.9 | 0.0 | 0.0 | 2.4 | 1.9 | 3.4 | 0.1 | 0.00 | 12.66 | 0.8 | 0.0 | 1.8 | 4.9 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 9.10 | 0.00 | 0.04 | 0.00 | 0.00 | 0.04 | 0.41 | 0.00 | 1.39 | 0.40 | 2.20 |
| 2-Dec-15 | 0.0 | 4.6 | 0.0 | 0.0 | 4.0 | 2.7 | 1.3 | 0.0 | 0.00 | 12.62 | 0.9 | 0.0 | 0.7 | 6.7 | 0.0 | 0.0 | 0.0 | 0.3 | 1.9 | 10.43 | 0.00 | 0.06 | 0.00 | 0.00 | 0.06 | 0.43 | 0.00 | 0.44 | 0.51 | 1.38 |
| 3-Dec-15 | 0.0 | 3.3 | 0.0 | 0.0 | 3.7 | 2.0 | 0.2 | 0.0 | 0.00 | 9.20 | 2.1 | 0.0 | 0.2 | 6.6 | 0.0 | 0.0 | 0.0 | 0.2 | 1.7 | 10.71 | 0.00 | 0.06 | 0.00 | 0.00 | 0.06 | 0.33 | 0.00 | 3.26 | 0.65 | 4.24 |
| 4-Dec-15 | 0.0 | 1.9 | 0.0 | 0.0 | 1.3 | 0.0 | 1.8 | 0.0 | 0.00 | 4.87 | 4.0 | 0.0 | 3.5 | 9.3 | 0.0 | 0.1 | 0.0 | 0.5 | 2.3 | 19.63 | 0.00 | 0.13 | 0.00 | 0.00 | 0.13 | 0.28 | 0.00 | 6.60 | 1.25 | 8.13 |
| 5-Dec-15 | 0.0 | 1.2 | 0.0 | 0.0 | 1.2 | 0.0 | 1.8 | 0.0 | 0.00 | 4.18 | 4.1 | 0.0 | 3.5 | 11.5 | 0.0 | 0.1 | 0.0 | 0.8 | 2.2 | 22.26 | 0.00 | 0.08 | 0.00 | 0.00 | 0.08 | 0.40 | 0.00 | 3.63 | 0.42 | 4.45 |
| 6-Dec-15 | 0.0 | 2.7 | 0.0 | 0.0 | 1.9 | 0.7 | 2.8 | 0.0 | 0.00 | 8.04 | 3.0 | 0.0 | 2.7 | 10.1 | 0.0 | 0.0 | 0.0 | 0.5 | 2.0 | 18.27 | 0.00 | 0.09 | 0.00 | 0.00 | 0.09 | 0.33 | 0.00 | 4.45 | 0.52 | 5.30 |
| 7-Dec-15 | 0.0 | 2.8 | 0.0 | 0.0 | 2.3 | 1.1 | 3.3 | 0.0 | 0.00 | 9.55 | 3.4 | 0.0 | 2.6 | 9.8 | 0.0 | 0.0 | 0.0 | 0.4 | 2.2 | 18.49 | 0.00 | 0.11 | 0.00 | 0.00 | 0.11 | 0.35 | 0.00 | 4.39 | 0.62 | 5.36 |
| 8-Dec-15 | 0.0 | 3.0 | 0.0 | 0.0 | 1.0 | 0.3 | 4.0 | 0.0 | 0.00 | 8.28 | 3.6 | 0.0 | 2.5 | 10.6 | 0.0 | 0.0 | 0.0 | 0.0 | 2.0 | 18.82 | 0.00 | 0.14 | 0.00 | 0.00 | 0.14 | 0.43 | 0.00 | 1.05 | 0.11 | 1.59 |
| 9-Dec-15 | 0.0 | 4.0 | 0.0 | 0.0 | 0.4 | 0.3 | 3.9 | 0.1 | 0.00 | 8.65 | 2.2 | 0.0 | 2.8 | 11.6 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 18.52 | 0.00 | 0.13 | 0.00 | 0.00 | 0.13 | 0.40 | 0.00 | 3.21 | 0.40 | 4.02 |
| 10-Dec-15 | 0.0 | 3.4 | 0.0 | 0.0 | 1.7 | 0.1 | 2.3 | 0.0 | 0.00 | 7.43 | 2.4 | 0.0 | 3.5 | 11.3 | 0.0 | 0.0 | 0.0 | 0.5 | 2.4 | 20.01 | 0.00 | 0.09 | 0.00 | 0.00 | 0.09 | 0.42 | 0.00 | 3.80 | 0.40 | 4.62 |
| 11-Dec-15 | 0.0 | 3.6 | 0.0 | 0.0 | 1.1 | 0.2 | 1.5 | 0.0 | 0.00 | 6.42 | 1.4 | 0.0 | 3.5 | 13.2 | 0.0 | 0.0 | 0.0 | 0.8 | 2.6 | 21.48 | 0.00 | 0.13 | 0.00 | 0.00 | 0.13 | 0.42 | 0.00 | 3.63 | 0.30 | 4.34 |
| 12-Dec-15 | 0.0 | 2.4 | 0.0 | 0.0 | 0.8 | 0.0 | 1.0 | 0.0 | 0.00 | 4.18 | 3.0 | 0.0 | 4.0 | 10.1 | 0.0 | 0.3 | 0.0 | 1.0 | 3.0 | 21.33 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.12 | 0.02 | 3.57 | 0.41 | 4.12 |
| 13-Dec-15 | 0.0 | 3.3 | 0.0 | 0.0 | 1.1 | 0.4 | 1.6 | 0.0 | 0.00 | 6.36 | 2.0 | 0.0 | 3.3 | 6.3 | 0.0 | 0.0 | 0.0 | 1.0 | 3.1 | 15.74 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.18 | 4.74 | 0.68 | 5.75 |
| 14-Dec-15 | 0.0 | 2.8 | 0.0 | 0.0 | 1.5 | 0.4 | 2.0 | 0.0 | 0.00 | 6.69 | 2.3 | 0.0 | 3.2 | 10.0 | 0.0 | 0.0 | 0.0 | 1.0 | 2.8 | 19.34 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.15 | 0.22 | 1.17 | 0.32 | 1.87 |
| 15-Dec-15 | 0.0 | 3.6 | 0.0 | 0.0 | 2.0 | 1.0 | 2.7 | 0.0 | 0.00 | 9.21 | 2.3 | 0.0 | 2.8 | 10.3 | 0.0 | 0.0 | 0.0 | 0.5 | 2.1 | 18.15 | 0.00 | 0.09 | 0.00 | 0.00 | 0.09 | 0.45 | 0.00 | 0.25 | 0.13 | 0.83 |
| 16-Dec-15 | 0.0 | 4.2 | 0.0 | 0.0 | 2.0 | 1.0 | 2.8 | 0.0 | 0.00 | 10.00 | 2.3 | 0.0 | 2.8 | 10.4 | 0.0 | 0.0 | 0.0 | 1.0 | 2.7 | 19.17 | 0.00 | 0.07 | 0.00 | 0.00 | 0.07 | 0.45 | 0.00 | 2.90 | 0.39 | 3.74 |
| 17-Dec-15 | 0.0 | 3.0 | 0.5 | 0.0 | 1.2 | 0.4 | 1.7 | 0.0 | 0.00 | 6.77 | 2.4 | 0.0 | 0.0 | 11.6 | 0.0 | 0.0 | 0.0 | 0.6 | 2.4 | 17.13 | 0.00 | 0.06 | 0.00 | 0.00 | 0.06 | 0.44 | 0.00 | 3.14 | 0.45 | 4.03 |
| 18-Dec-15 | 0.0 | 3.7 | 0.6 | 0.0 | 1.6 | 0.6 | 2.2 | 0.0 | 0.00 | 8.72 | 2.2 | 0.0 | 0.0 | 10.3 | 0.0 | 0.0 | 0.0 | 0.6 | 2.5 | 15.65 | 0.00 | 0.13 | 0.00 | 0.00 | 0.13 | 0.41 | 0.00 | 2.66 | 0.44 | 3.51 |
| 19-Dec-15 | 0.0 | 4.6 | 0.5 | 0.0 | 1.4 | 0.6 | 2.0 | 0.1 | 0.00 | 9.30 | 1.8 | 0.0 | 0.0 | 12.4 | 0.0 | 0.0 | 0.0 | 0.0 | 1.9 | 16.15 | 0.00 | 0.15 | 1.48 | 0.25 | 1.88 | 0.47 | 0.00 | 0.00 | 0.00 | 0.47 |
| 20-Dec-15 | 0.0 | 4.8 | 0.6 | 0.0 | 1.2 | 0.6 | 1.9 | 0.4 | 0.00 | 9.51 | 1.6 | 0.0 | 0.0 | 10.4 | 0.0 | 0.0 | 0.0 | 0.0 | 1.5 | 13.50 | 0.00 | 0.15 | 2.64 | 0.45 | 3.24 | 0.49 | 0.00 | 0.00 | 0.00 | 0.49 |
| 21-Dec-15 | 0.0 | 3.8 | 0.0 | 0.0 | 1.9 | 0.7 | 2.7 | 0.0 | 0.00 | 9.10 | 2.2 | 0.0 | 2.0 | 12.5 | 0.0 | 0.0 | 0.0 | 0.5 | 2.2 | 19.35 | 0.00 | 0.17 | 5.13 | 0.39 | 5.69 | 0.49 | 0.00 | 0.00 | 0.00 | 0.49 |
| 22-Dec-15 | 0.0 | 4.1 | 0.0 | 0.0 | 1.8 | 0.7 | 2.5 | 0.0 | 0.00 | 9.06 | 2.0 | 0.0 | 3.1 | 13.3 | 0.0 | 0.0 | 0.0 | 0.7 | 2.4 | 21.60 | 0.00 | 0.15 | 4.43 | 0.46 | 5.04 | 0.54 | 0.00 | 0.00 | 0.00 | 0.54 |
| 23-Dec-15 | 0.0 | 4.0 | 0.0 | 0.0 | 2.0 | 0.5 | 2.9 | 0.0 | 0.00 | 9.42 | 2.5 | 0.0 | 3.4 | 14.5 | 0.0 | 0.0 | 0.0 | 0.5 | 2.3 | 23.18 | 0.00 | 0.04 | 0.00 | 0.00 | 0.04 | 0.48 | 0.00 | 2.48 | 0.41 | 3.37 |
| 24-Dec-15 | 0.0 | 5.0 | 0.0 | 0.0 | 2.0 | 0.8 | 2.8 | 0.0 | 0.00 | 10.63 | 1.4 | 0.0 | 3.1 | 12.2 | 0.0 | 0.0 | 0.0 | 0.7 | 2.4 | 19.71 | 0.00 | 0.03 | 0.00 | 0.00 | 0.03 | 0.38 | 0.00 | 1.98 | 0.35 | 2.71 |
| 25-Dec-15 | 0.0 | 4.9 | 0.0 | 0.0 | 2.4 | 1.2 | 3.4 | 0.5 | 0.00 | 12.45 | 1.0 | 0.0 | 2.1 | 10.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.9 | 14.84 | 0.00 | 0.03 | 0.00 | 0.00 | 0.03 | 0.37 | 0.00 | 1.87 | 0.39 | 2.63 |
| 26-Dec-15 | 0.0 | 4.2 | 0.0 | 0.0 | 2.5 | 1.2 | 3.5 | 0.1 | 0.00 | 11.51 | 2.0 | 0.0 | 2.3 | 14.6 | 0.0 | 0.0 | 0.0 | 0.0 | 1.2 | 20.14 | 0.00 | 0.03 | 0.00 | 0.00 | 0.03 | 0.39 | 0.00 | 1.70 | 0.62 | 2.72 |
| 27-Dec-15 | 0.0 | 5.0 | 0.0 | 0.0 | 2.9 | 1.8 | 4.1 | 0.0 | 0.00 | 13.70 | 1.5 | 0.0 | 2.0 | 11.5 | 0.0 | 0.0 | 0.0 | 0.2 | 2.0 | 17.18 | 0.00 | 0.02 | 0.00 | 0.00 | 0.02 | 0.37 | 0.00 | 2.26 | 0.45 | 3.08 |
| 28-Dec-15 | 0.0 | 4.8 | 0.0 | 0.0 | 2.8 | 1.8 | 4.0 | 0.0 | 0.00 | 13.45 | 1.3 | 0.0 | 1.8 | 13.2 | 0.0 | 0.0 | 0.0 | 1.2 | 2.4 | 19.94 | 0.00 | 0.01 | 0.00 | 0.00 | 0.01 | 0.40 | 0.00 | 0.71 | 0.27 | 1.38 |
| 29-Dec-15 | 0.0 | 4.2 | 0.9 | 0.0 | 1.7 | 0.9 | 2.5 | 0.0 | 0.00 | 10.08 | 1.7 | 0.0 | 0.0 | 13.6 | 0.0 | 0.0 | 0.0 | 1.3 | 2.6 | 19.30 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.43 | 0.00 | 0.39 | 0.31 | 1.14 |
| 30-Dec-15 | 0.0 | 3.9 | 0.5 | 0.0 | 1.4 | 0.6 | 2.1 | 0.0 | 0.00 | 8.49 | 1.8 | 0.0 | 0.0 | 15.1 | 0.0 | 0.0 | 0.0 | 1.1 | 2.9 | 20.92 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.46 | 0.08 | 1.89 | 0.51 | 2.93 |
| 31-Dec-15 | 0.0 | 5.3 | 1.1 | 0.0 | 1.9 | 1.3 | 2.8 | 0.0 | 0.00 | 12.45 | 1.0 | 0.0 | 0.0 | 13.6 | 0.0 | 0.0 | 0.0 | 0.5 | 2.3 | 17.40 | 0.00 | 0.00 | 0.05 | 0.00 | 0.05 | 0.45 | 0.04 | 0.00 | 0.38 | 0.87 |
| Total | 0.00 | 116.73 | 4.73 | 0.00 | 57.10 | 25.88 | 77.32 | 1.21 | 0.00 | 282.97 | 66.41 | 0.00 | 63.29 | 342.24 | 0.00 | 0.53 | 0.00 | 16.47 | 68.53 | 557.46 | 0.00 | 2.19 | 13.73 | 1.55 | 17.46 | 12.09 | 0.53 | 67.57 | 12.09 | 92.28 |

| Date | 12.4 Import and Export of SR with ER & WR during Dec 2015 | | | | | | | | | | | | | |
|-----------|---|-----------------------------|---------------|--------------------------------|------------------------|---------------|----------------------------|-----------------------------------|--------------------------------|---------------|--------------------------------|-----------------------------------|--------------------------------|---------------|
| | Export of ER to SR (ER - SR) | | | Import of ER from SR (SR - ER) | | | Export of WR to SR (WR-SR) | | | | Import of WR from SR (SR - WR) | | | |
| | ER - SR HVDC Gazuwaka | ER - SR HVDC Talchar -Kolar | Total ER - SR | SR - ER HVDC Gazuwaka | SR - ER HVDC Talchar - | Total SR - ER | WR - SR HVDC Bhadrawati | WR - SR 765 kV Sholapur - Raichur | WR-SR 400KV Kolhapur-Kudgi D/C | Total WR - SR | SR - WR HVDC Bhadrawati | SR - WR 765 kV Raichur - Sholapur | SR-WR 400KV Kolhapur-Kudgi D/C | Total SR - WR |
| 1-Dec-15 | 14.7 | 44.0 | 58.69 | 0.00 | 0.00 | 0.00 | 22.81 | 30.83 | 2.96 | 53.64 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2-Dec-15 | 13.8 | 42.4 | 56.13 | 0.00 | 0.00 | 0.00 | 20.94 | 25.96 | 3.71 | 46.90 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3-Dec-15 | 16.4 | 39.0 | 55.36 | 0.00 | 0.00 | 0.00 | 19.61 | 21.47 | 4.22 | 41.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4-Dec-15 | 15.1 | 40.9 | 56.04 | 0.00 | 0.00 | 0.00 | 20.64 | 23.77 | 4.76 | 44.41 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5-Dec-15 | 13.5 | 40.3 | 53.85 | 0.00 | 0.00 | 0.00 | 20.76 | 22.58 | 4.79 | 43.34 | 0.00 | 0.00 | 0.00 | 0.00 |
| 6-Dec-15 | 13.6 | 42.6 | 56.12 | 0.00 | 0.00 | 0.00 | 21.90 | 18.39 | 4.91 | 40.29 | 0.00 | 0.00 | 0.00 | 0.00 |
| 7-Dec-15 | 13.6 | 43.1 | 56.62 | 0.00 | 0.00 | 0.00 | 23.86 | 23.40 | 4.04 | 47.26 | 0.00 | 0.00 | 0.00 | 0.00 |
| 8-Dec-15 | 14.9 | 45.3 | 60.13 | 0.00 | 0.00 | 0.00 | 23.78 | 26.51 | 3.74 | 50.29 | 0.00 | 0.00 | 0.00 | 0.00 |
| 9-Dec-15 | 16.7 | 42.2 | 58.87 | 0.00 | 0.00 | 0.00 | 22.49 | 28.93 | 4.23 | 51.42 | 0.00 | 0.00 | 0.00 | 0.00 |
| 10-Dec-15 | 15.2 | 39.7 | 54.86 | 0.00 | 0.00 | 0.00 | 21.03 | 25.96 | 4.00 | 47.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 11-Dec-15 | 17.7 | 39.9 | 57.67 | 0.00 | 0.00 | 0.00 | 20.01 | 30.07 | 2.25 | 50.08 | 0.00 | 0.00 | 0.00 | 0.00 |
| 12-Dec-15 | 15.9 | 39.6 | 55.50 | 0.00 | 0.00 | 0.00 | 20.02 | 20.62 | 3.73 | 40.63 | 0.00 | 0.00 | 0.00 | 0.00 |
| 13-Dec-15 | 16.1 | 44.3 | 60.38 | 0.00 | 0.00 | 0.00 | 23.55 | 26.28 | 2.80 | 49.83 | 0.00 | 0.00 | 0.00 | 0.00 |
| 14-Dec-15 | 15.9 | 44.9 | 60.77 | 0.00 | 0.00 | 0.00 | 21.64 | 29.50 | 2.57 | 51.14 | 0.00 | 0.00 | 0.00 | 0.00 |
| 15-Dec-15 | 11.9 | 44.5 | 56.41 | 0.00 | 0.00 | 0.00 | 23.56 | 22.14 | 3.32 | 45.70 | 0.00 | 0.00 | 0.00 | 0.00 |
| 16-Dec-15 | 10.0 | 47.2 | 57.17 | 0.00 | 0.00 | 0.00 | 23.46 | 30.95 | 3.91 | 54.40 | 0.00 | 0.00 | 0.00 | 0.00 |
| 17-Dec-15 | 9.4 | 43.2 | 52.51 | 0.00 | 0.00 | 0.00 | 21.61 | 31.45 | 5.88 | 53.06 | 0.00 | 0.00 | 0.00 | 0.00 |
| 18-Dec-15 | 16.7 | 46.0 | 62.72 | 0.00 | 0.00 | 0.00 | 23.37 | 33.24 | 5.96 | 56.61 | 0.00 | 0.00 | 0.00 | 0.00 |
| 19-Dec-15 | 16.1 | 45.8 | 61.87 | 0.00 | 0.00 | 0.00 | 22.85 | 38.74 | 4.30 | 61.59 | 0.00 | 0.00 | 0.00 | 0.00 |
| 20-Dec-15 | 16.0 | 45.9 | 61.93 | 0.00 | 0.00 | 0.00 | 21.95 | 32.04 | 5.08 | 53.99 | 0.00 | 0.00 | 0.00 | 0.00 |
| 21-Dec-15 | 16.0 | 47.5 | 63.52 | 0.00 | 0.00 | 0.00 | 21.91 | 37.36 | 4.30 | 59.27 | 0.00 | 0.00 | 0.00 | 0.00 |
| 22-Dec-15 | 15.9 | 46.8 | 62.71 | 0.00 | 0.00 | 0.00 | 16.54 | 36.03 | 2.47 | 52.57 | 0.00 | 0.00 | 0.00 | 0.00 |
| 23-Dec-15 | 17.3 | 46.6 | 63.92 | 0.00 | 0.00 | 0.00 | 15.58 | 34.41 | 2.15 | 49.99 | 0.00 | 0.00 | 0.00 | 0.00 |
| 24-Dec-15 | 16.3 | 46.1 | 62.38 | 0.00 | 0.00 | 0.00 | 22.73 | 38.50 | 0.00 | 61.23 | 0.00 | 0.00 | 0.36 | 0.00 |
| 25-Dec-15 | 16.2 | 44.9 | 61.09 | 0.00 | 0.00 | 0.00 | 22.36 | 39.87 | 0.00 | 62.23 | 0.00 | 0.00 | 0.27 | 0.00 |
| 26-Dec-15 | 14.9 | 39.1 | 54.04 | 0.00 | 0.00 | 0.00 | 21.18 | 30.54 | 1.71 | 51.72 | 0.00 | 0.00 | 0.00 | 0.00 |
| 27-Dec-15 | 16.4 | 43.3 | 59.76 | 0.00 | 0.00 | 0.00 | 11.45 | 37.14 | 0.00 | 48.59 | 0.00 | 0.00 | 1.19 | 0.00 |
| 28-Dec-15 | 16.1 | 45.1 | 61.13 | 0.00 | 0.00 | 0.00 | 9.47 | 39.45 | 0.00 | 48.92 | 0.00 | 0.00 | 1.27 | 0.00 |
| 29-Dec-15 | 15.3 | 41.7 | 56.99 | 0.00 | 0.00 | 0.00 | 12.02 | 33.08 | 0.42 | 45.10 | 0.00 | 0.00 | 0.00 | 0.00 |
| 30-Dec-15 | 15.9 | 40.1 | 56.05 | 0.00 | 0.00 | 0.00 | 12.03 | 32.60 | 0.42 | 44.64 | 0.00 | 0.00 | 0.00 | 0.00 |
| 31-Dec-15 | 16.3 | 42.2 | 58.48 | 0.00 | 0.00 | 0.00 | 12.03 | 30.95 | 2.96 | 42.98 | 0.00 | 0.00 | 0.00 | 0.00 |
| Total | 469.69 | 1344.02 | 1813.71 | 0.00 | 0.00 | 0.00 | 617.13 | 932.77 | 95.61 | 1549.91 | 0.00 | 0.00 | 3.09 | 0.00 |

13. भूटान , नेपाल एवं बांग्लादेश के साथ अंतरराष्ट्रीय विद्युत विनिमय
INTERNATIONAL EXCHANGE WITH BHUTAN, NEPAL AND BANGLADESH

अप्रैल 2015 से दिसम्बर 2015 April 2015 to December 2015

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

| माह MONTH | भूटान BHUTAN | नेपाल NEPAL | बांग्लादेश BANGLADESH |
|---------------------|-------------------------|-------------------------|-------------------------|
| | Energy Exchange (In MU) | Energy Exchange (In MU) | Energy Exchange (In MU) |
| अप्रैल 2015 APR'15 | 243.70 | -120.56 | -303.01 |
| मई 2015 MAY'15 | 449.85 | -98.12 | -334.82 |
| जून 2015 JUN'15 | 676.37 | -109.91 | -317.91 |
| जुलाई 2015 JUL'15 | 1010.50 | -120.50 | -312.40 |
| अगस्त 2015 AUG'15 | 1034.10 | -115.00 | -324.60 |
| सितम्बर 2015 SEP'15 | 993.00 | -95.90 | -317.40 |
| अक्तूबर 2015 OCT'15 | 600.03 | -68.22 | -333.73 |
| नवम्बर 2015 Nov'15 | 263.43 | -93.42 | -274.19 |
| दिसम्बर 2015 Dec'15 | 140.20 | -148.70 | -240.90 |
| कुल Total | 5411.17 | -970.33 | -2758.96 |

14. एसटीओए (द्विपक्षीय एवं सामूहिक) एवं डी एस एम बिलिंग का ब्योरा – माह दिसम्बर 2015

STOA (BILATERAL AND COLLECTIVE) & DSM BILLING DETAILS- Dec 2015

द्विपक्षीय एसटीओए BILATERAL SHORT TERM OPEN ACCESS

| दिसम्बर 2015 Dec 2015 | | | April'15 - Dec '15 | |
|---|---|---|---|--|
| क्षे.भा.प्रे.के. का नाम Name of RLDC | लेन – देनों की संख्या No. of Transactions | अनुमोदित ऊर्जा (मि.यु.) Energy Units Approved(MU) | लेन – देनों की संख्या No. of Transactions | अनुमोदित ऊर्जा (मि.यु.) Energy Approved (MU) |
| ऊ.क्षे. NR | 250 | 1789 | 3541 | 16946 |
| प.क्षे. WR | 240 | 1723 | 2504 | 8680 |
| द.क्षे. SR | 224 | 1190 | 2977 | 15282 |
| पू.क्षे. ER | 135 | 666 | 1579 | 7828 |
| पूर्वोत्तर क्षे. NER | 73 | 125 | 234 | 1003 |
| कुल TOTAL | 922 | 5492 | 10835 | 49739 |

एसटीओए SHORT TERM OPEN ACCESS

| माह MONTH | सामूहिक एसटीओए Collective STOA | | द्विपक्षीय एसटीओए Bilateral STOA | |
|----------------------|--|--|--|--|
| | क्रैताओं / विक्रेताओं की सं. NO. of Buyers/Sellers | अनुमोदित ऊर्जा (मि.यु.) Approved Energy (MU) | क्रैताओं / विक्रेताओं की सं. NO. of Buyers/Sellers | अनुमोदित ऊर्जा (मि.यु.) Approved Energy (MU) |
| अप्रैल 2015 APR'15 | 2495 | 2493 | 1134 | 4029 |
| मई 2015 May'15 | 2547 | 2913 | 1314 | 4481 |
| जून 2015 June'15 | 2453 | 2468 | 1172 | 6440 |
| जुलाई 2015 July '15 | 2536 | 2535 | 1011 | 6752 |
| अगस्त 2015 Aug '15 | 2592 | 2776 | 1380 | 6902 |
| सितंबर 2015 Sep '15 | 2586 | 3195 | 1461 | 5976 |
| अक्टूबर 2015 Oct '15 | 2659 | 3253 | 1369 | 4714 |
| नवम्बर 2015 Nov'15 | 2487 | 2728 | 1072 | 4953 |
| दिसम्बर 2015 Dec'15 | 2662 | 2991 | 922 | 5492 |
| कुल TOTAL | 23017 | 25352 | 10835 | 49739 |

मासिक डी एस एम बिलिंग का ब्योरा 2015-16
MONTHLY DSM BILLING DETAILS 2015-16

अनंतिम आकड़े
Provisional data
subject to change

करोड़ रु. में (RS. IN CRORES)

| क्षेत्र REGION | उत्तरी क्षेत्र NORTH | पश्चिमी क्षेत्र WEST | दक्षिणी क्षेत्र SOUTH | पूर्वी क्षेत्र EAST | पूर्वोत्तर क्षेत्र NORTH EAST |
|-------------------|----------------------|----------------------|-----------------------|---------------------|-------------------------------|
| 30.11.15-06.12.15 | 43.65 | 2.60 | 17.68 | 21.52 | * |
| 07.12.15-13.12.15 | 72.54 | 2.30 | 19.34 | 29.78 | * |
| 14.12.15-20.12.15 | 62.98 | 3.60 | 18.59 | 33.73 | * |
| 21.12.15-27.12.15 | 73.20 | 3.11 | 16.50 | 39.71 | * |
| 28.12.15-03.01.16 | 80.26 | 2.87 | 24.92 | 43.75 | * |

*NERPC website not accessible for data.

15. पावर मार्केट की सूचना (स्रोत : आई.ई.एक्स. एवं पी.एक्स.आई.एल.)
POWER MARKET INFORMATION (Source IEX & PXIL)
पावर एक्स्चेंज के माध्यम से विनिमय - माह दिसम्बर 2019
EXCHANGES THROUGH POWER EXCHANGES - December 2015

| क्र. स. S. No. | क्षेत्रीय इकाई Regional Entity | क्षेत्र Region | पावर एक्स्चेंज के माध्यम से (मि.यु. मे) Through Power Exchange in MU | |
|----------------|---|--------------------|--|---------------|
| | | | विक्रय Sale | क्रय Purchase |
| 1 | पंजाब Punjab | उत्तरी क्षेत्र NR | 0.00 | 222.69 |
| 2 | हरियाणा Haryana | | 8.77 | 206.16 |
| 3 | राजस्थान Rajasthan | | 21.99 | 504.73 |
| 4 | दिल्ली Delhi | | 19.53 | 236.71 |
| 5 | उत्तर प्रदेश Uttar Pradesh | | 0.00 | 0.00 |
| 6 | उत्तराखण्ड Uttarakhand | | 0.00 | 205.53 |
| 7 | हिमाचल प्रदेश Himachal Pradesh | | 93.99 | 57.43 |
| 8 | जम्मू और कश्मीर J & K | | 20.41 | 13.89 |
| 9 | केंद्र शासित चंडीगढ़ UT Chandigarh | | 3.13 | 3.45 |
| 10 | ए डी हाइड्रो AD Hydro | | 15.50 | 0.00 |
| 11 | करचम वांगतू KW | | 69.16 | 0.00 |
| 12 | श्री सीमेंट Shree Cement | | 37.86 | 0.00 |
| 13 | नाथपा झाकरी Nathpa Jhakri | | 25.15 | 0.00 |
| 14 | बैरासूल Baira Siul HEP(BSO) | | 0.38 | 0.00 |
| 15 | चमेरा -1 Chamera-I HEP(CM1) | | 1.20 | 0.00 |
| 16 | चमेरा -2 Chamera-II HEP(CM2) | | 1.27 | 0.00 |
| 17 | धौलीगंगा Dhauliganga HEP(DGO) | | 0.88 | 0.00 |
| 18 | दुलहस्ती Dulahasti HEP(DU0) | | 0.00 | 0.00 |
| 19 | सलाल Salal HEP(SLO) | | 2.92 | 0.00 |
| 20 | सेवा -2 Sewa-II NHPC(SW2) | | 0.31 | 0.00 |
| 21 | टनकपुर Tanakpur HEP(TPO) | | 0.45 | 0.00 |
| 22 | उरी Uri HEP(UR0) | | 4.57 | 0.00 |
| 23 | लांको बुधिल LANCO Budhil | | 0.72 | 0.00 |
| 24 | चमेरा-3 chamera 3 | | 0.72 | 0.00 |
| 25 | अदानी एचवीडीसी ADANI HVDC(NORGU0) | | 0.00 | 0.00 |
| 26 | मलाना MALANA | | 0.01 | 0.00 |
| 27 | उरी-II Uri-II HEP(UR2) | | 0.00 | 0.00 |
| 28 | मध्य प्रदेश MP | पश्चिमी क्षेत्र WR | 119.76 | 20.63 |
| 29 | महाराष्ट्र Maharashtra | | 188.68 | 17.14 |
| 30 | गुजरात Gujarat | | 37.09 | 241.83 |
| 31 | छत्तीसगढ़ Chattisgarh | | 55.99 | 11.71 |
| 32 | गोवा Goa | | 8.02 | 22.82 |
| 33 | दमन और दीव Daman and Diu | | 0.00 | 37.04 |
| 34 | दादरा और नगर हवेली Dadra & Nagar Haveli | | 0.00 | 97.69 |
| 35 | जिंदल JD | | 165.55 | 0.00 |
| 36 | लांको अमरकंटक LANCO AMK | | 0.00 | 0.00 |
| 37 | आर्यन कोल ACB India Limited | | 25.30 | 0.00 |
| 38 | जिंदल स्टील एंड पावर Jindal Steel and Power Ltd | | 114.39 | 0.00 |
| 39 | बालको -2 Balco-II | | 6.78 | 0.00 |
| 40 | स्टरलाइट Sterlite(w3rse0) | | 75.55 | 0.00 |
| 41 | एमको EMCO | | 0.74 | 0.00 |
| 42 | वन्दना विद्युत VANDANA VIDYUT | | 0.00 | 0.00 |
| 43 | एस्सार पावर ESSAR POWER | | 0.00 | 0.00 |
| 44 | एस्सार स्टील ESSAR STEEL | | 0.00 | 164.26 |
| 45 | के एस के महानदी KSK Mahanadi | | 0.00 | 0.00 |
| 46 | जिंदल स्टेज -II Jindal Stg-II | | 49.71 | 0.00 |
| 47 | कोरबा (प.) Korba(W) Comp. Ltd. | | 82.90 | 0.00 |
| 48 | डी बी पावर D B Power | | 124.89 | 0.00 |
| 49 | धारीवाल Dhariwal | | 22.10 | 0.00 |
| 50 | जे पी निग्री Jaypee Nigire | | 63.02 | 0.00 |
| 51 | जी एम आर छत्तीसगढ़ GMR Chhattisgarh | | 184.27 | 0.00 |
| 52 | डी जीईएन मेगा पावर DGEN Mega Power | | 0.00 | 0.00 |
| 53 | एम बी मेगा पावर MB Power | | 0.00 | 0.00 |
| 54 | एपीएल मुंद्रा स्टेज-I APL Mundra Stg-I | | 21.06 | 0.00 |
| 55 | एपीएल मुंद्रा स्टेज-II APL Mundra Stg-II | | 35.42 | 0.00 |
| 56 | एपीएल मुंद्रा स्टेज-III APL Mundra Stg-III | | 13.14 | 0.00 |
| 57 | टोरेंट सुगेन Torrent Sugem | | 0.00 | 0.00 |
| 58 | मारुति कोल Maruti Coal | | 0.00 | 0.00 |
| 59 | स्पेक्ट्रम Spectrum | | 13.78 | 0.00 |

15. पावर मार्केट की सूचना (स्रोत : आई.ई.एक्स. एवं पी.एक्स.आई.एल.)
 POWER MARKET INFORMATION (Source IEX & PXIL)
 पावर एक्स्चेंज के माध्यम से विनिमय - माह दिसम्बर 2019
 EXCHANGES THROUGH POWER EXCHANGES - December 2015

| क्र. स. S. No. | क्षेत्रीय इकाई Regional Entity | क्षेत्र Region | पावर एक्स्चेंज के माध्यम से (मि.यु. मे) Through Power Exchange in MU | |
|----------------|-----------------------------------|------------------------|--|---------------|
| | | | विक्रय Sale | क्रय Purchase |
| 53 | आंध्र प्रदेश Andhra Pradesh | दक्षिणी क्षेत्र SR | 2.66 | 80.44 |
| 54 | कर्नाटक Karnataka | | 0.00 | 153.26 |
| 55 | केरल Kerala | | 7.15 | 51.04 |
| 56 | तमिलनाडु Tamilnadu | | 0.00 | 11.66 |
| 57 | पाण्डिचेरी Pondicherry | | 0.00 | 0.00 |
| 58 | गोवा Goa | | 0.00 | 0.00 |
| 59 | लांको कोंडापल्ली LANCO KONDPLY | | 0.00 | 0.00 |
| 60 | सिमापुरी SIMHAPURI | | 70.62 | 0.00 |
| 61 | मिनाक्षी MINAXI | | 18.14 | 0.00 |
| 62 | तेलंगाना TELANGANA | | 41.96 | 117.46 |
| 63 | थर्मल पावर टेक Thermal Power Tech | | 182.84 | 0.00 |
| 64 | पश्चिम बंगाल West Bengal | पूर्वी क्षेत्र ER | 60.41 | 51.34 |
| 65 | उड़ीशा Odisha | | 76.52 | 52.04 |
| 66 | बिहार Bihar | | 0.00 | 317.92 |
| 67 | झारखंड Jharkhand | | 0.00 | 0.00 |
| 68 | सिक्किम Sikkim | | 12.06 | 0.00 |
| 69 | दामोदर घाटी परियोजना DVC | | 28.78 | 0.00 |
| 70 | स्टरलाइट STERLITE | | 0.00 | 0.00 |
| 71 | मैथन पावर लिमिटेड Maithon P. Ltd | | 33.70 | 0.00 |
| 72 | आधुनिक पा. लिमिटेड Adhunik P.Ltd | | 143.64 | 0.00 |
| 73 | चुजाचैन Chuzachen HEP | | 12.77 | 0.00 |
| 74 | रंगित Rangit HEP | | 0.00 | 0.00 |
| 75 | तीस्ता Teesta HEP | | 0.00 | 0.00 |
| 76 | जीएमआर कमलंगा GMR Kamalanga | | 27.35 | 0.00 |
| 77 | जिंदल आई पी टी एल JIPTL | | 412.14 | 0.00 |
| 78 | जोरथांग Jorethang | 16.59 | 0.00 | |
| 79 | अरुणाचल प्रदेश Arunachal Pradesh | पूर्वोत्तर क्षेत्र NER | 0.00 | 5.30 |
| 80 | असम Assam | | 4.20 | 49.18 |
| 81 | मणिपुर Manipur | | 15.36 | 0.32 |
| 82 | मेघालय Meghalaya | | 4.67 | 26.82 |
| 83 | मिज़ोरम Mizoram | | 1.85 | 1.19 |
| 84 | नागालैंड Nagaland | | 0.00 | 9.62 |
| 85 | त्रिपुरा Tripura | | 80.83 | 0.00 |
| 86 | अगरतला जीटीपीपी Agartala GTPP AGO | | 0.00 | 0.00 |
| 87 | कोपिली KOPIJU KP1 | | 0.00 | 0.00 |
| 88 | असम जीबीपीपी Assam GBPP KTO | | 0.00 | 0.00 |
| 89 | लोकटक LOKTAK | | 0.00 | 0.00 |
| 90 | रंगानदी Ranganadi | | 0.00 | 0.00 |
| 91 | दोयांग Doyang | | 0.00 | 0.00 |
| 92 | पलाताना Palatana | | 0.00 | 0.00 |
| कुल Total | | | 2991.30 | 2991.30 |

16. RENEWABLE ENERGY CERTIFICATE MECHANISM**MONTH:-December 2015****RE Source & Unit wise break up (Dec 15)**

| Sr.No | Source Wise | Accreditation | | Registration | |
|-------|--------------------------|---------------|------|---------------|------|
| | | Capacity (MW) | Unit | Capacity (MW) | Unit |
| 1 | Wind | 3.8 | 2 | 23.25 | 6 |
| 2 | Urban or Municipal Waste | 0 | 0 | 0 | 0 |
| 3 | Solar Thermal | 0 | 0 | 0 | 0 |
| 4 | Solar PV | 7.9 | 4 | 3 | 2 |
| 5 | Small Hydro | 0 | 0 | 0 | 0 |
| 6 | Others | 0 | 0 | 0 | 0 |
| 7 | Geothermal | 0 | 0 | 0 | 0 |
| 8 | Biomass | 0 | 0 | 0 | 0 |
| 9 | Bio-fuel cogeneration | 0 | 0 | 0 | 0 |
| | Total | 11.7 | 6 | 26.25 | 8 |

RECs Issued (Dec 15)

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|--------|--------|
| 1 | 392095 | 190530 | 582625 |

Redemption of REC (Dec 15)

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|-------|--------|
| 1 | 898439 | 61602 | 960041 |

16. RENEWABLE ENERGY CERTIFICATE MECHANISM**MONTH:-December 2015****RE Source & Unit wise break up (Apr-15- Dec- 15)**

| Sr.No | Source Wise | Accreditation | | Registration | |
|-------|--------------------------|---------------|-----------|---------------|-----------|
| | | Capacity (MW) | Unit | Capacity (MW) | Unit |
| 1 | Wind | 105.3 | 20 | 101.45 | 17 |
| 2 | Urban or Municipal Waste | 0 | 0 | 0 | 0 |
| 3 | Solar Thermal | 0 | 0 | 0 | 0 |
| 4 | Solar PV | 52.13 | 32 | 50.97 | 37 |
| 5 | Small Hydro | 2.5 | 2 | 24 | 1 |
| 6 | Others | 0 | 0 | 0 | 0 |
| 7 | Geothermal | 0 | 0 | 0 | 0 |
| 8 | Biomass | 13.74 | 3 | 15.74 | 4 |
| 9 | Bio-fuel cogeneration | 37.31 | 5 | 35.62 | 6 |
| | Total | 210.98 | 62 | 227.78 | 65 |

RECs Issued (April 15-Dec 15)

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|---------|---------|
| 1 | 5578647 | 1754251 | 7332898 |

Redemption of REC (April 15 - Dec 15)

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|--------|---------|
| 1 | 2261613 | 348479 | 2610092 |

16. RENEWABLE ENERGY CERTIFICATE MECHANISM

MONTH:-December 2015

RE Source & Unit wise break up Since Inception to Dec 15

| Sr.No | Source Wise | Accreditation | | Registration | |
|-------|--------------------------|----------------|-------------|----------------|-------------|
| | | Capacity (MW) | Unit | Capacity (MW) | Unit |
| 1 | Wind | 2498.74 | 630 | 2294.2 | 595 |
| 2 | Urban or Municipal Waste | 8 | 1 | 0 | 0 |
| 3 | Solar Thermal | 3 | 1 | 0 | 0 |
| 4 | Solar PV | 630.18 | 314 | 613.52 | 303 |
| 5 | Small Hydro | 321.19 | 38 | 291.19 | 32 |
| 6 | Others | 1.67 | 1 | 1.67 | 1 |
| 7 | Geothermal | 0 | 0 | 0 | 0 |
| 8 | Biomass | 710.52 | 75 | 712.52 | 75 |
| 9 | Bio-fuel cogeneration | 939.09 | 107 | 923.65 | 104 |
| | Total | 5112.39 | 1167 | 4836.75 | 1110 |

RECs Issued since Inception to Dec 15

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|---------|----------|
| 1 | 25576439 | 3598042 | 29174481 |

Redemption of REC since Inception to Dec 15

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|--------|----------|
| 1 | 11433548 | 592672 | 12026220 |

REC Closing balance as on 31.12.2015

| Sr.No. | Non Solar | Solar | Total |
|--------|-----------|---------|----------|
| 1 | 13699278 | 2990086 | 16689364 |

17.1. Major Grid Events for Dec 2015_NR

| S.No. | Region | Name of Elements (Tripped/Manually opened) | Owner / Agency | Outage | | Revival | | Outage Duration | Event (As reported) | Generation Loss(MW) | Load Loss(MW) | Category as per CEA Grid Standards |
|-------|--------|---|---------------------------|-----------|-------|-----------|-------|-----------------|--|---------------------|---------------|------------------------------------|
| | | | | Date | Time | Date | Time | | | | | |
| 1 | NR | 1) 400kV Bhiwani(PG)-Kabulpur(HVPNL) 2) 400kV Bhiwani-Dehar | POWERGRID/BBMB/Haryana | 5-Dec-15 | 18:51 | 5-Dec-15 | 20:29 | 1:38 | 400kV Bhiwani(PG)-Kabulpur(HVPNL) & 400kV Bhiwani-Dehar tripped on R-phase to earth fault. | Nil | 400 | GD1 |
| 2 | NR | 1) 400kV Makhu(PSEB) - Nakodar-2 2) 400kV Amrisar(PG)-Makhu(PSEB)-2 | POWERGRID/ PSEB | 7-Dec-15 | 6:21 | 7-Dec-15 | 7:29 | 1:08 | Multiple element tripping at 400kV Makhu(PSEB) on 3-phase fault. | Nil | Nil | GI2 |
| 3 | NR | 1) 400kV Azamgarh(UPTCL)-Gorakhpur(UPTCL) 2) 400/220kV Gorakhpur(UPTCL) 315 MVA ICT-2 | UP | 7-Dec-15 | 3:07 | 7-Dec-15 | 3:56 | 0:49 | Multiple element tripping at 400kV Gorakhpur due to B-phase to earth fault. | Nil | Nil | GI2 |
| 4 | NR | 1) 400kV Dhuri(400kV)-Rajpura (TH) -1 2) 400kV Dhuri(400kV) -Talwandi Sabo 1 | Punjab | 9-Dec-15 | 0:47 | 9-Dec-15 | 1:10 | 0:23 | Multiple element tripping at 400kV Dhuri(PSEB) due to Phase to phase fault& foggy weather. | Nil | Nil | GI2 |
| 5 | NR | 1) 400/220kV Makhu 315 MVA ICT 1 & 2 2) 400kV Makhu(PSTCL)-Nakodar(PSTCL) | Punjab | 9-Dec-15 | 5:04 | 9-Dec-15 | 5:37 | 0:33 | Multiple element tripping at 400kV Makhu(PSEB) due to R-phase to earth fault. | Nil | Nil | GI2 |
| 6 | NR | 1) 400kV Moradabad(UP)-Muradnagar(UP) 2) 400kV Muradnagar-Muzaffarnagar | UP | 9-Dec-15 | 5:06 | 9-Dec-15 | 5:52 | 0:46 | Multiple element tripping at 400kV Muradnagar(UP) due to phase to phase fault. | Nil | Nil | GI2 |
| 7 | NR | 1) 400kV Mukatsar(PSTCL)-Talwandi Sabo(PSTCL)-1 2) 660MW Talwandi Sabo unit#2 | Punjab | 9-Dec-15 | 0:55 | 9-Dec-15 | 3:48 | 2:53 | Multiple element tripping at 400kV Talwandi Sabo(Punjab) due to phase to earth fault. | 660 | Nil | GD1 |
| 8 | NR | 1) 400/220kV, 315MVA Merta ICT-2 2) 400kV Merta-Ratangarh(RRVPNL) line | Rajasthan | 10-Dec-15 | 22:02 | 10-Dec-15 | 22:53 | 0:51 | Multiple element tripping at 400kV Merta(RRVPNL) due to B-phase to earth fault. | Nil | Nil | GI2 |
| 9 | NR | 1) 765kV Agra(PG)-Jatikara(PG) 2) 765kV Jatikara(PG)-Bhiwani(PG) | POWERGRID/ Rajasthan | 11-Dec-15 | 10:51 | 11-Dec-15 | 11:42 | 1:09 | 765kV Agra(PG)-Jatikara(PG) and 765kV Jatikara(PG)-Bhiwani(PG) tripped. | Nil | Nil | GI2 |
| 10 | NR | 1) 400kV Kurukshetra(PG)-Sonipat ckt-2 2) 400kV Jalandhar-Kurukshetra(PG) ckt-1 3) 400kV Kurukshetra(PG)-Nakodar(PSEB) 4) 400kV Abdullapur-Kurukshetra(PG) ckt-2, 5) 400kV Abdullapur-Karchanwangtoo ckt-1 6) 400kV Muradnagar(UP) | POWERGRID/ Punjab/ JAYPEE | 12-Dec-15 | 2:42 | 12-Dec-15 | 4:18 | 1:36 | 400kV Kurukshetra(PG)-Sonipat ckt-2, 400kV Jalandhar-Kurukshetra(PG) ckt-1, 400kV Kurukshetra(PG)-Nakodar(PSEB), 400kV Abdullapur-Kurukshetra(PG) ckt-2, 400kV Abdullapur-Karchanwangtoo ckt-1 tripped on overvoltage | Nil | Nil | GI2 |
| 11 | NR | 1) 400kV Hissar(PG)-Bhiwadi(PG) ckt-2 2) 400kV Hissar(PG)-Bhiwani(PG) 3) Hissar(PG)-Kaithal(PG) 4) 400kV Hissar(PG)-Fatehabad, 5) HVDC Mundra-Moghindergarh pole-2 | POWERGRID/ Adani | 14-Dec-15 | 16:54 | 14-Dec-15 | 16:58 | 0:04 | R-Y phase to phase fault in 400kV Hissar-Bhiwadi ckt-2 at Hissar(PG) end. At the same time, due to protection misoperation three no. outgoing ckt's also tripped from Hissar(PG). Also, Pole-2 of Mundra-Moghindergarh tripped due to protection coordination problem. | Nil | 800 | GD1 |
| 12 | NR | 1) 400/220kV, 315MVA Muradnagar ICT #1 & #3 | UP | 12-Dec-15 | 7:13 | 12-Dec-15 | 8:21 | 1:08 | 400/220kV, 315MVA ICT #1 & #3 tripped at Muradnagar(UP). ICT #2 was already under planned shutdown since 10-Dec'15 | Nil | 250 | GD1 |
| 13 | NR | 1) 400kV Hissar(PG)-Bhiwadi(PG) ckt-2 2) 400kV Hissar(PG)-Bhiwani(PG) 3) Hissar(PG)-Kaithal(PG) 4) 400kV Hissar(PG)-Fatehabad, 5) HVDC Mundra-Moghindergarh pole-2 | POWERGRID/ Adani | 14-Dec-15 | 16:54 | 14-Dec-15 | 16:58 | 0:04 | R-Y phase to phase fault in 400kV Hissar-Bhiwadi ckt-2 at Hissar(PG) end. At the same time, due to protection misoperation three no. outgoing ckt's also tripped from Hissar(PG). Also, Pole-2 of Mundra-Moghindergarh tripped due to protection coordination problem. | Nil | 800 | GD1 |
| 14 | NR | 1) 400/220kV, 315 MVA ICT-1&2 at Hindaun | Rajasthan | 21-Dec-15 | 15:35 | 21-Dec-15 | 16:02 | 0:27 | 400/220kV Hindaun II 315 MVA ICT-1 tripped due to operation of neutral displacement relay and 400/220kV Hindaun II 315 MVA ICT-2 tripped on overload. No fault observed in PMU. | Nil | Nil | GI2 |
| 15 | NR | 1) 400/220kV, 315 MVA ICT-1&2 at Gurgaon(PG) | POWERGRID | 23-Dec-15 | 11:43 | 23-Dec-15 | 13:19 | 1:36 | Multiple element tripping at 400/220kV Gurgaon due to bus bar protection operation in 220 kV connecting haryana system. | Nil | 130 | GD1 |
| 16 | NR | 1) 220kV Bus 1&2 at Abdullapur(PG) | POWERGRID | 23-Dec-15 | 10:01 | 23-Dec-15 | 10:27 | 0:26 | Both 220kV buses at Abdullapur(PG) tripped due to operation of LBB protection. No fault observed in PMU. | Nil | Nil | GI2 |

| 17.2. Major Grid Events for December 2015 _ WR | | | | | | | | | | | | | | |
|--|--------|---|----------------|--------|----------|---------|-----------|-----------------|--|-------|---------------------|---------------------|--------------------------|------------------------------------|
| S.No. | Region | Name of Elements | Owner / Agency | Outage | | Revival | | Outage Duration | | Event | Generation Loss(MW) | Load Loss(MW) | Energy Unreserved (MWhr) | Category as per CEA Grid Standards |
| | | | | Date | Time | Date | Time | Time | Time | | | | | |
| 1 | WR | 1. 400/220 kV ICT-I 2. 400/220 kV ICT-II 3. 400 kV Padghe-Kalwa-I 4. 400 kV Padghe-Kharpur 5. 400 kV Padghe-Nagchane-II 6. 400 kV Padghe-Tarapur-I 7. 400 kV Padghe-Padghe HVDC-II 8. 400 kV Bus Coupler | MSETCL | 42348 | 0.827778 | 42348 | 0.8368056 | 0.009027778 | 400 kV Padghe-Babhaleswar-I circuit was under outage for Line & S's by Equipment's maintenance works from 09:03Hrs dated: 10.12.2015. After completion of maintenance works all work permits were cancelled at both ends & after cancellation of Cross Permit Earth isolator opened at both ends & then A-Bus isolator & Line isolator closed at Padghe end but at the very same instance heavy sparking observed at Y ph CB pole & Y pole of CB Bus thereafter. Hence, in order to avoid the bus fault possible A-bus isolator of 400kV Padghe- Babhaleswar-I line at Padghe end opened. But, while opening this Bus isolator heavy ARC observed on its Y-phase of this A-bus isolator and 19:52 Hrs, A-BUS Fault occurred & all the lines & ICT's on Bus A got tripped. Subsequently, Load Shedding Scheme - STAGE-I OPERATED due to the 364 MW load affected. After isolation of 400kV Padghe-Babhaleswar-I, 400kV BUS-A charged at 20:05Hrs through Bus Coupler. | Nil | 364 | 311.1 | GD-1 | |
| 2 | WR | 1. 220 kV Halkarni-Mumewadi-I 2. 220 kV Halkarni-Mumewadi-II 3. 220 kV Halkarni-Tilari 4. 220 kV Halkarni-Mahalakshmi 5. 220 kV Mahalakshmi-Arona 6. 220/33 25 MVA ICT-I 7. 220/33 25 MVA ICT-II | MSETCL | 42351 | 0.652778 | 42351 | 0.6715278 | 0.01875 | R-Phase CT burst at Halkarni S/S of 220kV Halkarni- Mahalakshmi S/C line due to this Bus bar protection operated and all feeders connected to Bus tripped at 15:40HRS. Subsequently due to tripping, 220kV Mahalakshmi -Arona S/C line also tripped and 220kV Mahalakshmi substation became dark. | 20.1 | 20 | 9 | GD-1 | |
| 3 | WR | Tripping of 1. 400 kV Pune-Pune(GS)-I 2. 400 kV Parli-Pune(GS)-II 3. 765/400 kV ICT-I 4. 400 kV Bus Coupler due to Bus-I fault at 400 kV Pune(GS) in Maharashtra during replacement of gas density no.2 connected to Bus-I | PGCIL | 42354 | 0.460417 | 42354 | 0.4847222 | 0.024305556 | 400 kV Bus 1 and connected element tripped because of 2nd stage tripped wire got earthed for GAS DETECTOR of 89A of 400 kV Pune-Parli 2. 2nd stage alarm of GAS DETECTOR which trips the whole compartment of the respective bus duct. | Nil | Nil | Nil | GD-2 | |
| 4 | WR | 1. 220/132 ICT-I 2. 220/132 ICT-II 3. 220/132 ICT-III 4. 132 kV Urla- Sector C 5. 132kV Urla- Birgaon 6. 132kV Urla-Bhoghara 7. 132kV Urla-Hora Pooling 8. 132kV Urla-Kachina | CSPTCL | 42354 | 0.547917 | 42354 | 0.6354167 | 0.0875 | B-ph Breaker pole of 220/132kV, 160MVA ICT-II at Urla blasted and all feeders connected to 132 kV Urls tripped along with 220/132 kV 160 MVA ICT-I & 3. | Nil | 300 | 630 | GD-1 | |
| 5 | WR | 1. 220 kV RBPH-CHPH-I 2. 400/220 kV ICT-I at RBPH 3. Unit-I of 50 MW at 220 kV CHPH 4. Unit-II of 50 MW at 220 kV CHPH 5. Unit-III of 50 MW at 220 kV CHPH | SSP | 42360 | 0.364583 | 42360 | 0.3854167 | 0.020833333 | Pilot wire of 220 kV CHPH-RBPH line-I snapped on 220 kV Bus-I CHPH and Bus fault took place resulting in tripping of units-I,3 and 5. | 51 | Nil | Nil | GD-1 | |
| 6 | WR | 1. 765/400 kV 1500 MVA ICT-I 2. 765/400 kV 1500 MVA ICT-II due to Over flux protection operated | PGCIL | 42362 | 0.208333 | 42362 | 0.2826389 | 0.074305556 | Both the 765/400 kV Jabalpur PS ICT has tripped on overflux protection from 400 kV end. However the grid voltage was not that high and frequency was also not low. | Nil | Nil | Nil | GD-2 | |
| 7 | WR | 1. 400 kV Asoj-SSP S/C 2. Asoj-Chorani-I 3. 400 kV Asoj-Vadodara-I 4. 400/200 kV 315 MVA ICT-I | GETCO | 42365 | 0.526389 | 42365 | 0.5465278 | 0.020138889 | Due to Y Phase Bushing Flash Over On 400 kV Side of 400/220 ICT-I at Asoj , several elements tripped from Asoj Sub-station. The details are awaited from the GETCO and Gujarat SLDC. | Nil | No Details Provided | No Details Provided | GD-2 | |
| 8 | WR | 1. 400 kV Bus-I 2. 400 kV Bus-II 3. 400 kV Chorani-Vadavi-I 4. 400 kV Chorani-Vadavi-II 5. 400 kV Degham-Vadavi-I 6. 400 kV Degham-Vadavi-II 7. 400 kV Zenda-Vadavi-I 8. 400 kV Zenda-Vadavi-II 9. 400 kV Bachaban-Vadavi-I 10. 400 kV Bachaban-Vadavi-II 11. 400/220 kV ICT-I at Vadavi 12. 400/220 kV ICT-II at Vadavi 13. 400/220 kV ICT-III at Vadavi | GETCO | 42366 | 0.289583 | 42366 | 0.3159722 | 0.026388889 | At 06:57 hrs Bus Bar protection of 400 kV Bus 1 & 2 operated due to R Phase CT Mast of Bus Coupler at Raschodpura, 400 kV Bus 1 & 2 became dead and all elements connected to the bus tripped. 220 kV Bus Remains in service. | Nil | Nil | Nil | GD-2 | |
| 9 | WR | 1. 400 kV VSTPS-Sana-II 2. 400 kV VSTPS-Korba-II 3. 400 kV VSTPS-Jabalpur-II | NTPC | 42366 | 0.103472 | 42366 | 0.2722222 | 0.16875 | At 02:29 hrs Bus Bar protection of 400 kV Bus 4 operated at VSTPS during withdrawing of unit-8(500 MW) due to low schedule as intimated by NTPC. Further Details awaited from NTPC. | Nil | Nil | Nil | GD-2 | |
| 10 | WR | 1. 765 kV Wantha-Aurangabad-II 2. 765 kV Pune-Solapur | PGCIL | 42366 | 0.821528 | 42366 | 0.2423611 | 0.420833333 | While opening of 765 kV Wantha-Aurangabad I , 765 kV Wantha-Aurangabad-II and 765 kV Pune-Solapur circuit also tripped on over voltage. | Nil | Nil | Nil | GD-2 | |
| 11 | WR | 1. 400 kV Bhusawal-Aurangabad S/C 2. 400 kV Bhusawal-Koradi S/C 3. 400 kV Bhusawal-Derpnagar S/C 4. 400 kV Bhusawal-Derpnagar-I | MSETCL | 42368 | 0.770139 | 42368 | 0.7951389 | 0.025 | Y Phase breaker pole of 400 kV Bhusawal-A.Bad circuit at Bhusawal resulted in bus fault on 400 kV Bus 2 resulting in all elements tripping from Bhusawal Bus 2. | Nil | Nil | Nil | GD-2 | |

17.3. Grid Events for Dec 2015_SR

| Sl. No. | Region | Name of Element | Owner / Agency | Outage | | Revival | | Outage Duration | Event | Generation Loss (MW) | Load Loss (MW) | Category as per CEA Grid Standards |
|---------|--------|--|----------------|-----------|-------|-----------|-------|-----------------|--|----------------------|----------------|------------------------------------|
| | | | | Date | Time | Date | Time | | | | | |
| 1 | SR | Complete outage of 230kV Mywadi station of TANTRANSCO. | TANTRANSCO | 21-Dec-15 | 6:28 | 21-Dec-15 | 7:38 | 01:10:00 | Busbar protection got operated at 230kV Mywadi substation while clearing a closure fault of Anaikadavu 230 KV feeder resulting in tripping of all 230 feeders (10 Nos) and ICT LVs (3 nos) | Nil | Nil | GD-I |
| 2 | SR | Complete outage of TPCIL Power station | TPCIL | 31-Dec-15 | 6:02 | 31-Dec-15 | 14:02 | 08:00:00 | Running units at Thermal Power tech power Station tripped due to tripping of 400kV Nellore pooling station (NPS)-TPCIL line and 400kV Nellore pooling station (NPS)-NCC line | 1270 | | GD-I |
| 3 | SR | 1)400kV Bus-2 2)400kV Kalpakka-Vemagiri line-2 3)400kV Kalpakka-Simhadiri line-4 4) ICT-2 at Kalpakka | APSEB | 10-Dec-15 | 15:20 | 10-Dec-15 | 16:20 | 01:00:00 | Tripping occurred due to operation of Bus bar protection of bus-2 during testing. | | | GI-II |
| 4 | SR | Tripping of HVDC Bhadrawati Pole-1 & | PG | 28-Dec-15 | 4:26 | 28-Dec-15 | 5:08 | 00:42:00 | HVDC Bhadrawati Pole-2 tripped due to operation of Buchholz relay and Pole-1 tripped on DC differential protection. | | | GI-II |
| 5 | SR | Tripping of HVDC Gazuwaka Pole-2 | PG | 31-Dec-15 | 9:06 | 31-Dec-15 | 9:47 | 00:41:00 | HVDC pole-2 tripped on operation of 'High harmonic trip'. All filters of Pole-2 got tripped on 'resistive thermal overload trip'. | | | GI-II |

17.4. Major Grid Events for Dec 2015_ER

| S.No. | Region | Name of Elements (Tripped/Manually opened) | Owner / Agency | Outage | | Revival | | Outage Duration | Event (As reported) | Generation Loss(MW) | Load Loss(MW) | Category as per CEA Grid |
|-------|--------|---|----------------|------------|-------|------------|-------|-----------------|--|---------------------|---------------|--------------------------|
| | | | | Date | Time | Date | Time | Time | | | | |
| 1 | ER | 1) 220 kv Sasaram(PG)-Dehri S/C 2) 220 kv Dehri-Gaya D/C 3) 132 kv Dehri- Kochas | BSPHCL | 16.12.2015 | 08:43 | 16.12.2015 | 10:12 | 1:29 | All 220 KV lines emanating from 220 kv Dehri substation tripped while clearing a fault in 132 KV Dehri- Kochas line when R phase jumper snapped of said line.Total power interrupted at 220 kv Dehri substation . Power supply to 132 kv substations of Dehri , Sonenagar, Japla , Pusauli , Mohania failed . Traction interrupted at Japla and Sonenagar. | | 172 | GD-I |
| 2 | ER | 1) 400/220 kv, 500MVA ICT at Gaya 2) 400/220 kv,315 MVA ICT at Gaya 3) 220 kv Sasaram-Dehri 4) 220 kv Biharsharif-Bodhgaya D/C 5) 220 kv Gaya(PG)-Dehri-I □ | BSPHCL | 17.12.2015 | 17:10 | 17.12.2015 | 17:54 | 0:44 | 500MVA , 400/220 KV ICT at Gaya tripped due to oil surge relay mal operation. After that 315 MVA,400/220 KV ICT at Gaya and 220 KV Sasaram-Dehri tripped on over-loading. So, total power failure occurred at 220 KV Gaya, Dehri and Bodhgaya S/S. Power supply to 132 kv substations of Dehri , Sonenagar, Japla , Pusauli , Mohania failed . Traction power interrupted at Japla, Sonenagar, Paharpur and Rafiganj | | 410 | GD-I |
| 3 | ER | 1) 220/132 kv,100 MVax 3 ICTs at Madhepura 2)132 kv Purnea(PG)-kishanganj 3)132kv Purnea(BSPTCL)-Forbisganj | BSEB | 02.01.2016 | 06:01 | 02.01.2016 | 06:40 | 0:39 | 220/132 kv,100 MVax 3 ICTs at madhepura tripped at the same time 132 kv Purnea(PG)-kishanganj and 132kv Purnea(BSPTCL)-Forbisganj also tripped on over load causing total power failure at Forbisganj , Kataiy Madhepura.SupoL,Phoolpras Jainagar, Madhubani . Power | | 450 | GD-I |
| 4 | ER | 1) 220 kv Arrah s/s complete outage | BSEB | 23.12.2015 | 23:06 | 23.12.2015 | 23:52 | 0:46 | While first time charging attempt of 220/132kv, 160MVA ICT-III at Arrah(PG) was taken, all the 220kv lines emanating from Arrah (PG) 5/s tripped from remote end resulting total power failure at Arrah. | | 100 | GD-I |

17.5. Grid Events for Dec 2015_NER

| Sl. No. | Region | Name of Element | Owner / Agency | Outage | | Revival | | Outage Duration | Event | Generation Loss (MW) | Load Loss (MW) | Category as per CEA Grid Standards |
|---------|--------|---|--------------------------|-----------|-------|-----------|-------|-----------------|--|----------------------|----------------|------------------------------------|
| | | | | Date | Time | Date | Time | | | | | |
| 1 | NER | 132 kV Imphal (PG) - Imphal (MA) I, 132 kV Imphal (PG) - Imphal (MA) II | POWERGRID/ MSPCL | 1-Dec-15 | 11:21 | 1-Dec-15 | 0:09 | 00:18:00 | Capital area & Karong area of Manipur were connected with rest of NER Grid through 132 kV Imphal-Imphal I & II lines (132 kV Kakching-Kongba line & 132 kV Karong-Kohima line kept open for system requirement). At 11:21 Hrs on 01.12.15, 132 kV Imphal-Imphal I & II lines tripped. Due to tripping of these elements, Capital area & Karong area were separated from rest of NER Grid and subsequently collapsed due to no source in this area. | 0 | 52 | GD-I |
| 2 | NER | 132 kV Dimapur (PG) - Kohima | POWERGRID/ DoP, Nagaland | 3-Dec-15 | 14:30 | 3-Dec-15 | 0:15 | 00:30:00 | Capital area of Nagaland was connected with rest of NER Grid through 132 kV Dimapur(PG)-Kohima line (132 kV Kohima-Karong line & 66 kV Tuensang-Likimro line kept open for system requirement). At 14:30 Hrs on 03.12.15, 132 kV Dimapur(PG)-Kohima line tripped. Due to tripping of this element, Capital area was separated from rest of NER Grid and subsequently collapsed due to load generation mismatch in this area. | 8 | 32 | GD-I |
| 3 | NER | 132 kV Dimapur (PG) - Kohima | POWERGRID/ DoP, Nagaland | 4-Dec-15 | 2:00 | 4-Dec-15 | 2:28 | 00:28:00 | Capital area of Nagaland was connected with rest of NER Grid through 132 kV Dimapur(PG)-Kohima line (132 kV Kohima-Karong line & 66 kV Tuensang-Likimro line kept open for system requirement). At 02:00 Hrs on 04.12.15, 132 kV Dimapur(PG)-Kohima line tripped. Due to tripping of this element, Capital area was separated from rest of NER Grid and subsequently collapsed due to load generation mismatch in this area. | 12 | 21 | GD-I |
| 4 | NER | 132 kV Ranganadi - Lekhi | POWERGRID & DoP AP | 5-Dec-15 | 13:46 | 5-Dec-15 | 23:13 | 09:27:00 | Lekhi area & Capital area of Arunachal Pradesh were connected with rest of NER Grid through 132 kV Ranganadi-Lekhi line. At 13:46 Hrs on 05.12.15, 132 kV Ranganadi-Nirjuli line tripped. Due to tripping of this element, Lekhi area & Capital area were separated from rest of NER Grid and subsequently collapsed due to no source in this area. | 0 | 40 | GD-I |
| 5 | NER | 132 kV Imphal (PG) - Imphal (MA) I, 132 kV Imphal (PG) - Imphal (MA) II | POWERGRID/ MSPCL | 10-Dec-15 | 12:07 | 10-Dec-15 | 12:16 | 00:09:00 | Capital area & Karong area of Manipur were connected with rest of NER Grid through 132 kV Imphal-Imphal I & II lines (132 kV Kakching-Kongba line & 132 kV Karong-Kohima line kept open for system requirement). At 12:07 Hrs on 10.12.15, 132 kV Imphal-Imphal I & II lines tripped. Due to tripping of these elements, Capital area & Karong area were separated from rest of NER Grid and subsequently collapsed due to no source in this area. | 0 | 48 | GD-I |
| 6 | NER | 132 kV Lekhi - Nirjuli | DoP AP & POWERGRID | 10-Dec-15 | 14:25 | 10-Dec-15 | 15:07 | 00:42:00 | Nirjuli area of Arunachal Pradesh were connected with rest of NER Grid through 132 kV Lekhi- Nirjuli line. At 14:25 Hrs on 10.12.15, 132 kV Lekhi-Nirjuli line tripped. Due to tripping of this element, Nirjuli area were separated from rest of NER Grid and subsequently collapsed due to no source in this area. | 0 | 14 | GD-I |
| 7 | NER | 132 kV Ranganadi - Ziro | POWERGRID | 19-Dec-15 | 12:45 | 19-Dec-15 | 19:08 | 06:23:00 | Ziro area of Arunachal Pradesh was connected with rest of NER Grid through 132 kV Ranganadi-Ziro line. At 12:45 Hrs on 19.12.15, 132 kV Ranganadi-Ziro line tripped. Due to tripping of this element, Ziro area was separated from rest of NER Grid and subsequently collapsed due to no source in this area. | 0 | 12 | GD-I |
| 8 | NER | 132 kV Loktak - Ningthoukhong | MSPCL | 20-Dec-15 | 13:40 | 20-Dec-15 | 14:39 | 00:59:00 | Ningthoukhong area of Manipur was connected with rest of NER Grid through 132 kV Loktak-Ningthoukhong line (132 kV Imphal(PG)-Ningthoukhong line, 132 kV kakching-Kongba line kept open for system constraint). At 13:40 Hrs on 20.12.15, 132 kV Loktak-Ningthoukhong line tripped. Due to tripping of this element, Ningthoukhong area was separated from rest of NER Grid and subsequently collapsed due to no source in this area. | 0 | 40 | GD-I |

| Sl. No. | Region | Name of Element | Owner / Agency | Outage | | Revival | | Outage Duration | Event | Generation Loss (MW) | Load Loss (MW) | Category as per CEA Grid Standards |
|---------|--------|-------------------------------|----------------|-----------|-------|-----------|-------|-----------------|--|----------------------|----------------|------------------------------------|
| | | | | Date | Time | Date | Time | Time | | | | |
| 9 | NER | 132 kV Loktak - Ningthoukhong | MSPCL | 20-Dec-15 | 14:56 | 20-Dec-15 | 15:18 | 00:22:00 | Ningthoukhong area of Manipur was connected with rest of NER Grid through 132 kV Loktak-Ningthoukhong line (132 kV Imphal(PG)-Ningthoukhong line ,132 kV kakching-Kongba line kept open for system constraint). At 14:56 Hrs on 20.12.15 , 132 kV Loktak-Ningthoukhong line tripped. Due to tripping of this element, Ningthoukhong area was separated from rest of NER Grid and subsequently collapsed due to no source in this area. | 0 | 23 | GD-1 |

18. NEW ELEMENTS COMMISSIONED in DECEMBER-2015

COMMISSIONING OF NEW GENERATING UNITS

| REGION | SL. NO. | CONSTITUENT | UNIT NAME | UNIT NO | CAPACITY (MW) | DATE | TIME |
|--------|---------|-------------|---------------|---------|---------------|--------------|------|
| WR | 1 | MSPGCL | Koradi | 8 | 660 | COD-17.12.15 | |
| SR | 2 | IPP | Costal Energy | 2 | 600 | 28.12.15 | |
| | 3 | KPCL | Bellary TPS | 3 | 700 | 25.12.15 | |
| | 4 | TSGENCO | KTPP | 2 | 600 | 15.12.15 | |
| | 5 | IPP | Hinduja PCL | 1 | 520 | 25.12.15 | |

COMMISSIONING OF NEW ICT's

| REGION | SL. NO. | CONSTITUENT | VOLTAGE LEVEL | SUB-STATION | ICT NO | CAPACITY | DATE | TIME |
|--------|---------|-------------|---------------|---------------------|--------|----------|----------|------|
| WR | 6 | PGCIL | 765/400 | Vindhyachal Pooling | II | 1500MVA | 12.12.15 | |

COMMISSIONING OF NEW TRANSMISSION LINES

| REGION | SL. NO. | CONSTITUENT | LINE NAME | CKT NO | KV | DATE | TIME (Hrs) |
|--------|---------|-----------------|----------------------|--------|-----|----------|------------|
| NR | 7 | PGCIL | Kurukshetr-Nakodar | I | 400 | 01.12.15 | |
| WR | 8 | WRTGPL_Reliance | Rajgarh-Karamsad | I | 400 | 27.12.15 | |
| | 9 | | Rajgarh-Karamsad | II | 400 | 14.12.15 | |
| | 10 | PGCIL | Dharamjaigadh-Ranchi | II | 765 | 24.12.15 | |
| SR | 11 | PGCIL | Raichur-Kurnool | I | 765 | 13.12.15 | |
| | 12 | | Khammam-N'sagar | II | 400 | 31.12.15 | |
| | 13 | | Khammam-N'sagar | III | 400 | 31.12.15 | |

*765KV lines charged at 400KV.

विद्युत विभव रूपरेखा माह - दिसम्बर 2015

VOLTAGE PROFILE - DECEMBER 2015

| क्र.स. Sl. No. | क्षेत्र REGION | उपकेंद्र SUBSTATION | VOLTAGE < V(lower)* (V=122,380,728 kV) | V(lower) < VOLTAGE < V(upper)* | VOLTAGE > V(upper)* (V=145,420,800 kV) | उच्चतम (कि.वोल्ट.) Maximum(kV) | निम्नतम(कि.वोल्ट.) Minimum(kV) | औसत (कि.वोल्ट.) Average(kV) |
|----------------|---------------------------|--------------------------------|---|--------------------------------|---|-----------------------------------|-----------------------------------|--------------------------------|
| 1 | पूर्वी क्षेत्र ER | फरक्का FARAKKA | 0% | 79% | 21% | 425 | 409 | 418 |
| 2 | | कदलगाँव KHALGAON | 0% | 100% | 0% | 417 | 401 | 409 |
| 3 | | तालचर TALCHER | 0% | 100% | 0% | 410 | 398 | 403 |
| 4 | | पुर्णिया PURNEA | 0% | 79% | 21% | 433 | 385 | 416 |
| 5 | | मुजफ्फरपुर MUZAFFARPUR | 0% | 100% | 0% | 421 | 381 | 405 |
| 6 | | जमशेदपुर JAMSHEDPUR | 0% | 0% | 100% | 434 | 420 | 427 |
| 7 | | रंगाली RENGALI | 0% | 100% | 0% | 413 | 400 | 406 |
| 8 | | जेयपुर JEYPORE | 0% | 99% | 1% | 427 | 381 | 403 |
| 1 | उत्तरी क्षेत्र NR | नल्लागढ़ NALLAGARH | 0% | 55% | 45% | 439 | 379 | 419 |
| 2 | | भियाडी BHIWADI | 0% | 67% | 33% | 434 | 396 | 416 |
| 3 | | बल्लभगढ़ BALLABGARH | 0% | 57% | 43% | 434 | 400 | 418 |
| 4 | | हुलाहाबाद ALLAHABAD | 0% | 18% | 82% | 423 | 402 | 421 |
| 5 | | हिसार HISSAR | 0% | 97% | 3% | 426 | 390 | 409 |
| 6 | | बवाना BAWANA | 0% | 65% | 35% | 431 | 400 | 417 |
| 7 | | कानपुर KANPUR | 0% | 94% | 6% | 425 | 395 | 411 |
| 8 | | बस्सी BASSI | 0% | 91% | 9% | 427 | 389 | 408 |
| 9 | | लखनऊ पावरशिड LUCKNOW PG 765 kV | 0% | 100% | 0% | 802 | 742 | 771 |
| 10 | | मोगा MOGA | 0% | 95% | 5% | 424 | 393 | 411 |
| 11 | | रतनगढ़ RATANGARH | 0% | 99% | 1% | 423 | 386 | 406 |
| 1 | पश्चिमी क्षेत्र WR | आसोज ASOJ | 0% | 100% | 0% | 419 | 396 | 409 |
| 2 | | इटारसी ITARSI | 0% | 100% | 0% | 419 | 390 | 405 |
| 3 | | जैतपुर JETPUR | 0% | 100% | 0% | 415 | 397 | 407 |
| 4 | | कासोर KASOR | 0% | 79% | 21% | 426 | 400 | 417 |
| 5 | | कोल्हापुर KOLHAPUR | 0% | 50% | 50% | 434 | 400 | 419 |
| 6 | | बीना BINA | 0% | 100% | 0% | 421 | 394 | 408 |
| 7 | | ग्वालियर GWALIOR | 0% | 100% | 0% | 418 | 385 | 403 |
| 8 | | रायपुर RAIPUR | 0% | 89% | 11% | 424 | 407 | 416 |
| 9 | | जबलपुर JABALPUR | 0% | 99% | 1% | 425 | 396 | 409 |
| 10 | | धुले DHULE | 0% | 73% | 27% | 435 | 392 | 415 |
| 1 | दक्षिणी क्षेत्र SR | श्रीपेरुपुर SRIPERUPUDUR | 0% | 74% | 26% | 429 | 402 | 416 |
| 2 | | नेवेली NEYVELI | 0% | 100% | 0% | 419 | 394 | 406 |
| 3 | | सेलम SALEM | 0% | 100% | 0% | 420 | 387 | 403 |
| 4 | | बंगलूर BANGALORE | 0% | 100% | 0% | 419 | 380 | 400 |
| 5 | | होसूर HOSUR | 0% | 100% | 0% | 420 | 383 | 400 |
| 6 | | रामगुंडम RAMAGUNDAM | 0% | 100% | 0% | 425 | 405 | 416 |
| 7 | | विजयवाड़ा VIJAYAWADA | 0% | 100% | 0% | 437 | 414 | 426 |
| 8 | | तिरुवनंतपुरम TIRIVANDRUM | 0% | 100% | 0% | 420 | 381 | 401 |
| 9 | | हैदराबाद HYDERABAD | 0% | 100% | 0% | 428 | 400 | 415 |
| 1 | पूर्वोत्तर क्षेत्र NER | मिसा MISA | 0% | 100% | 0% | 431 | 388 | 410 |
| 2 | | बलिपारा BALIPARA | 0% | 100% | 0% | 442 | 385 | 414 |
| 3 | | बोङ्गागाँव BONGAIGAON | 0% | 100% | 0% | 420 | 381 | 406 |
| 4 | | हाफ्लोंग HAFLONG 132 kV | 0% | 100% | 0% | 140 | 127 | 134 |
| 5 | | आइज़ोल AIZWAL 132 kV | 3% | 97% | 0% | 137 | 121 | 129 |
| 6 | | कुमारघाट KUMARGHAT 132 kV | 0% | 100% | 0% | 137 | 128 | 133 |
| 7 | | इम्फाल IMPHAL 132 kV | 0% | 100% | 0% | 141 | 124 | 134 |
| 8 | | खैरियत Khileriat PG 132 kV | 0% | 100% | 0% | 138 | 124 | 132 |

*Percentage is calculated w.r.t. Time of one month.

CONSOLIDATED OUTAGE FIGURES

| Sr No. | Description | Dec-15 | |
|----------|--|---------------|-----------------------|
| | | No. of events | Total outage (in hrs) |
| 1 | 765kV Transmission lines | | |
| | a) Tripped on line Fault | 6 | 64:48 |
| | b) Tripped on substation fault | 2 | 1:47 |
| | c) Opened on High Voltage | 147 | 4741:54 |
| | d) Tripped on High Voltage | 22 | 863:48 |
| | e) Planned shut down for construction activity | 12 | 156:08 |
| | f) Planned shut down for O&M activity | 22 | 574:26 |
| | g) Opened for emergency shut down | 6 | 74:04 |
| | h) Miscellaneous outage | 0 | 0:00 |
| | i) Tripped due to Maloperation | 3 | 13:10 |
| | Total | 220 | 6490:05 |
| | Availability in terms of percentage | | 89.86% |
| 2 | HVDC Lines | | |
| | a) Tripped on line Fault | 0 | 0:00 |
| | b) Tripped on Terminal station fault | 9 | 129:37 |
| | c) Opened on High Voltage | 0 | 0:00 |
| | d) Tripped on High Voltage | 0 | 0:00 |
| | e) Planned shut down for construction activity | 3 | 44:22 |
| | f) Planned shut down for O&M activity | 12 | 165:16 |
| | g) Opened for emergency shut down | 3 | 11:56 |
| | h) Miscellaneous outage | 0 | 0:00 |
| | i) Tripped due to Maloperation | 2 | 1:40 |
| | Total | 29 | 352:51 |
| | Availability in terms of percentage | | 97.37% |
| 3 | 400kV Inter-regional lines | | |
| | a) Tripped on line Fault | 2 | 10:52 |
| | b) Tripped on substation fault | 0 | 0:00 |
| | c) Opened on High Voltage | 19 | 952:06 |
| | d) Tripped on High Voltage | 1 | 1:28 |
| | e) Planned shut down for construction activity | 4 | 141:35 |
| | f) Planned shut down for O&M activity | 43 | 814:02 |
| | g) Opened for emergency shut down | 1 | 1:16 |
| | h) Miscellaneous outage | 0 | 0:00 |
| | i) Tripped due to Maloperation | 0 | 0:00 |
| | Total | 70 | 1921:19 |
| | Availability in terms of percentage | | 92.17% |

| Sr No. | Description | Dec-15 | |
|----------|--|---------------|-----------------------|
| | | No. of events | Total outage (in hrs) |
| 4 | 220kV Inter-regional lines | | |
| | a) Tripped on line Fault | 7 | 63:44 |
| | b) Tripped on substation fault | 0 | 0:00 |
| | c) Opened on High Voltage | 0 | 0:00 |
| | d) Tripped on High Voltage | 0 | 0:00 |
| | e) Planned shut down for construction activity | 0 | 0:00 |
| | f) Planned shut down for O&M activity | 7 | 140:21 |
| | g) Opened for emergency shut down | 0 | 0:00 |
| | h) Miscellaneous outage | 0 | 0:00 |
| | i) Tripped due to Maloperation | 0 | 0:00 |
| | Total | 14 | 204:05 |
| | Availability in terms of percentage | | 98.17% |
| 5 | 765/400kV ICTs | | |
| | a) Tripped due to line trippings | 0 | 0:00 |
| | b) Tripped due to substation fault | 1 | 0:51 |
| | c) Planned shut down for construction activity | 0 | 0:00 |
| | d) Planned shut down for O&M activity | 29 | 312:09 |
| | e) Opened for emergency shut down | 1 | 2:36 |
| | f) Miscellaneous outage | 0 | 0:00 |
| | g) Tripped due to Maloperation | 2 | 3:48 |
| | Total | 33 | 319:24 |
| | Availability in terms of percentage | | 99.60% |
| 6 | 765kV Bus Reactors | | |
| | a) Opened on low voltage | 0 | 0:00 |
| | b) Tripping of Bus Reactor | 0 | 0:00 |
| | b) Planned shut down for construction activity | 0 | 0:00 |
| | c) Planned shut down for O&M activity | 6 | 48:26 |
| | d) Opened for emergency shut down | 1 | 3:50 |
| | e) Miscellaneous outage | 0 | 0:00 |
| | f) Tripped due to Maloperation | 0 | 0:00 |
| | Total | 7 | 52:16 |
| | Availability in terms of percentage | | 99.87% |
| | Grand Total | 373 | 9340:00 |

| | |
|--|---------------|
| Grand Availability in terms of percentage | 96.01% |
|--|---------------|

| Sl. No. | Name of Element | Cumulative Trippings December 2015 | Cumulative Tripping for Year 2015-16 |
|---------|-----------------------------------|------------------------------------|--------------------------------------|
| 1 | 765 kV Sasaram-Fatehpur | 0 | 3 |
| 2 | 765 kV Gaya-Fatehpur | 1 | 1 |
| 3 | 765 kV Gaya-Balia | 0 | 2 |
| 4 | 765 kV Gwalior-Agra-I | 0 | 1 |
| 5 | 765 kV Gwalior-Agra-II | 0 | 1 |
| 6 | 765 kV New Ranchi-Dharamjaygarh | 0 | 2 |
| 7 | 765 kV Jharsuguda-Dharmjaygarh-I | 0 | 1 |
| 8 | 765 kV Jharsuguda-Dharmjaygarh-II | 0 | 2 |
| 9 | 765 kV Solapur-Raichur-I | 0 | 6 |
| 10 | 765 kV Solapur-Raichur-II | 0 | 6 |
| 11 | 765kV Anpara C-Unnao | 0 | 1 |
| 12 | 765kV Anpara C-Anpara D | 0 | 2 |
| 13 | 765kV Antah-Phagi-I | 0 | 6 |
| 14 | 765kV Lucknow(PG)-Bareilly(PG)-I | 0 | 3 |
| 15 | 765kV Antah-Phagi-II | 0 | 3 |
| 16 | 765kV Balia-Lucknow | 1 | 1 |
| 17 | 765kV Fatehpur-Agra-I | 2 | 5 |
| 18 | 765kV Fatehpur-Agra-II | 0 | 2 |
| 19 | 765kV Moga-Bhiwani(PG) | 0 | 0 |
| 20 | 765kV Jhatikara-Bhiwani(PG) | 1 | 1 |
| 21 | 765kV Agra-Jhatikara | 1 | 4 |
| 22 | 765kV Meerut-Bhiwani(PG) | 0 | 0 |

| | | | |
|----|-----------------------------|---|----|
| 23 | 765 kV Moga-Meerut | 0 | 4 |
| 24 | 765kV Agra-Meerut | 1 | 2 |
| 25 | 765kV Akola-Koradi-I | 0 | 4 |
| 26 | 765kV Akola-Koradi-II | 0 | 1 |
| 27 | 765kV Tirora-Koradi-I | 0 | 0 |
| 28 | 765kV Tirora-Koradi-II | 0 | 0 |
| 29 | 765kV Sipat-Bilaspur-I | 0 | 1 |
| 30 | 765kV Sipat-Bilaspur-II | 0 | 1 |
| 31 | 765kV Seoni-Bilaspur-I | 0 | 0 |
| 32 | 765kV Seoni-Bilaspur-II | 0 | 0 |
| 33 | 765kV Wardha-Aurangabad-I | 4 | 13 |
| 34 | 765kV Wardha-Aurangabad-II | 6 | 11 |
| 35 | 765kV Wardha-Aurangabad-III | 0 | 2 |
| 36 | 765kV Wardha-Aurangabad-IV | 0 | 5 |
| 37 | 765kV Satna-Gwalior-I | 0 | 4 |
| 38 | 765kV Satna-Gwalior-II | 0 | 2 |
| 39 | 765kV Seoni-Wardha-I | 0 | 3 |
| 40 | 765kV Seoni-Wardha-II | 0 | 16 |
| 41 | 765kV Satna-Bina-I | 0 | 4 |
| 42 | 765kV Satna-Bina-II | 0 | 1 |
| 43 | 765kV Seoni-Bina-I | 1 | 2 |
| 44 | 765kV Bina-Gwalior-I | 0 | 0 |
| 45 | 765kV Bina-Gwalior-II | 0 | 1 |

| | | | |
|----|--|---|---|
| 46 | 765kV Bina-Gwalior-III | 0 | 2 |
| 47 | 765kV Sasan-Satna-I | 0 | 0 |
| 48 | 765kV Pune-Sholapur | 4 | 7 |
| 49 | 765kV Aurangabad-Dhule(BDTCL) | 0 | 3 |
| 50 | 765kV Bina-Indore | 0 | 2 |
| 51 | 765kV Indore-Bhopal | 0 | 9 |
| 52 | 765kV Sasan-Satna-II | 0 | 0 |
| 53 | 765kV Durg-Wardha-I | 0 | 6 |
| 54 | 765kV Durg-Wardha-II | 0 | 5 |
| 55 | 765kV Dharamjaigarh-Raipur-PS(DURG) | 0 | 0 |
| 56 | 765kV Bilaspur-Dharamjaigarh | 0 | 0 |
| 57 | 765kV Bina-Jabalpur-I | 0 | 1 |
| 58 | 765kV Bina-Jabalpur-II | 0 | 1 |
| 59 | 765kV Indore-Vadodara | 0 | 6 |
| 60 | 765kV Raigarh-PS(Kotra)-Raipur-PS(Durg)-I | 0 | 0 |
| 61 | 765kV Raigarh-PS(Kotra)-Raipur-PS(Durg)-II | 0 | 1 |
| 62 | 765kV Raigarh-PS(Kotra)-Tamnar-I | 0 | 0 |
| 63 | 765kV Raigarh-PS(Kotra)-Tamnar-II | 0 | 0 |
| 64 | 765kV Dhule-Vadodara | 1 | 5 |
| 65 | 765kV Tiroda-Akola | 0 | 0 |
| 66 | 765kV Sasan - Vindhyachal PS | 0 | 0 |
| 67 | 765kV Vindhyachal-Satna-I | 0 | 2 |
| 68 | 765kV Vindhyachal-Satna-II | 0 | 1 |

| | | | |
|----|---------------------------------|---|----|
| 69 | 765 kV Durg-Champa-I | 1 | 6 |
| 70 | 765 kV Kotra-Champa-I | 1 | 2 |
| 71 | 765kV Angul-Jharsuguda-II | 0 | 3 |
| 72 | 765kV Raichur-Kurnool | 0 | 3 |
| 73 | 765kV Kurnool-Nellore(PS)-I | 0 | 6 |
| 74 | 765kV Kurnool-Nellore(PS)-II | 0 | 1 |
| 75 | 765kV Kurnool-Thiruvalem-I | 1 | 12 |
| 76 | 765kV Kurnool-Thiruvalem-II | 5 | 19 |
| 77 | 400 kV Muzaffarpur-Gorakhpur-I | 0 | 0 |
| 78 | 400 kV Muzaffarpur-Gorakhpur-II | 0 | 1 |
| 79 | 400 kV Patna-Balia-I | 0 | 0 |
| 80 | 400 kV Patna-Balia-II | 0 | 0 |
| 81 | 400 kV Patna-Balia-III | 0 | 0 |
| 82 | 400 kV Patna-Balia-IV | 0 | 1 |
| 83 | 400 kV Biharshariff-Balia-I | 0 | 0 |
| 84 | 400 kV Biharshariff-Balia-II | 1 | 2 |
| 85 | 400 kV Sasaram-Allahabad | 0 | 0 |
| 86 | 400 kV Barh-Gorakhpur-I | 0 | 4 |
| 87 | 400 kV Barh-Gorakhpur-II | 0 | 8 |
| 88 | 400 kV Sasaram-Sarnath | 0 | 0 |
| 89 | 400 kV Barh-Gorakhpur-I | 0 | 4 |
| 90 | 400 kV Barh-Gorakhpur-II | 0 | 8 |
| 91 | 400 kV Zerda-Kankaroli | 0 | 1 |

| | | | |
|-----|--------------------------------|---|----|
| 92 | 400 kV Zerda-Bhinmal | 0 | 1 |
| 93 | 400 kV Vindhyachal-Rihand | 0 | 0 |
| 94 | 400 kV Siliguri-Bongaigaon-I | 0 | 0 |
| 95 | 400 kV Siliguri-Bongaigaon-II | 1 | 8 |
| 96 | 400 kV Siliguri-Bongaigaon-III | 0 | 8 |
| 97 | 400 kV Siliguri-Bongaigaon-IV | 0 | 7 |
| 98 | 400 kV Rourkela-Raigarh | 0 | 4 |
| 99 | 400 kV Sterlite-Raigarh | 0 | 1 |
| 100 | 400 kV Jharsuguda-Raigarh-I | 0 | 3 |
| 101 | 400 kV IBEUL-Raigarh-I | 0 | 7 |
| 102 | 400 kV Ranchi-Sipat-I | 0 | 0 |
| 103 | 400 kV Ranchi-Sipat-II | 0 | 1 |
| 104 | 400 kV Jeypore-Gazuwaka-I | 0 | 1 |
| 105 | 400 kV Jeypore-Gazuwaka-II | 1 | 3 |
| 106 | 400 kV Tala - Binaguri - I | 0 | 2 |
| 107 | 400 kV Tala - Binaguri - II | 0 | 2 |
| 108 | 400 kV Tala - Binaguri - IV | 0 | 2 |
| 109 | 400 kV Malbase - Binaguri - I | 0 | 1 |
| 110 | 220 kV Chukha - Birpara - I | 0 | 12 |
| 111 | 220 kV Chukha - Birpara - II | 0 | 12 |
| 112 | 220 kV Malbase - Birpara | 0 | 2 |
| 113 | Bheramara HVDC | 0 | 0 |
| 114 | 132 kV Mahendernagar-Tanakpur | 0 | 0 |

| | | | |
|-----|-----------------------------|---|----|
| 115 | Pusauli | 0 | 2 |
| 116 | Vindhyachal Pole-I | 0 | 5 |
| 117 | Vindhyachal Pole-II | 0 | 5 |
| 118 | Mundra-Mahendragarh-Pole-I | 0 | 4 |
| 119 | Mundra-Mahendragarh Pole-II | 1 | 6 |
| 120 | Bhadrawati Pole-I | 2 | 6 |
| 121 | Bhadrawati Pole-II | 2 | 6 |
| 122 | Gazuwaka Pole-I | 0 | 3 |
| 123 | Gazuwaka Pole-II | 1 | 3 |
| 124 | Talcher-Kolar Pole-I | 0 | 1 |
| 125 | Talcher-Kolar Pole-II | 0 | 2 |
| 126 | Rihand-Dadri Pole-I | 0 | 4 |
| 127 | Rihand-Dadri Pole-II | 0 | 3 |
| 128 | Balia-Bhiwadi Pole-I | 0 | 5 |
| 129 | Balia-Bhiwadi Pole-II | 0 | 4 |
| 130 | Chandrapur-Padghe pole-I | 0 | 0 |
| 131 | Chandrapur-Padghe pole-II | 0 | 0 |
| 132 | 220 kV Pusauli-Sahupuri | 0 | 5 |
| 133 | 220 kV Badod-Modak | 0 | 3 |
| 134 | 220 kV Badod-Kota | 1 | 6 |
| 135 | 220 kV Malanpur-Auraiya | 1 | 7 |
| 136 | 220 kV Mehgaon-Auraiya | 1 | 4 |
| 137 | 220 kV Birpara-Salakati-I | 1 | 15 |

| | | | |
|-----|--------------------------------------|---|----|
| 138 | 220 kV Birpara-Salakati-II | 1 | 19 |
| 139 | 220 kV Budhipadar-Korba-II | 0 | 9 |
| 140 | 220 kV Budhipadar-Korba-III | 0 | 4 |
| 141 | 220 kV Budhipadar-Raigarh | 0 | 2 |
| 142 | 220 kV Mudasangi (Kolhapur)-Chikkodi | 1 | 5 |
| 143 | 220 kV Talangde-Chikkodi | 1 | 6 |
| 144 | 220kV Ponda-Ambewadi | 0 | 0 |
| 145 | 220kV Xeldom-Ambewadi | 0 | 0 |
| 146 | 220 kV Balimela - U.Sileru | 0 | 0 |
| 147 | Udaipur -Neemuch 1 | 0 | 0 |
| 148 | Ranapratap Sagar-Gandhi Sagar 1 | 0 | 0 |
| 149 | Ranapratap Sagar-Gandhi Sagar 2 | 0 | 0 |
| 150 | Sawai Madhopur - Seopar Kalan 1 | 0 | 0 |
| 151 | 765kV Jabalpur-Bhopal | 0 | 2 |
| 152 | 765kV Bina-Jabalpur-III | 0 | 0 |
| 153 | 400 kV Bhadrawati-Ramagundam-I | 0 | 0 |
| 154 | 400 kV Bhadrawati-Ramagundam-II | 0 | 2 |
| 155 | 765kV Vindhyachal-Satna-II | 0 | 1 |
| 156 | 765 kV Gwalior-Phagi-I | 0 | 1 |
| 157 | 765 kV Gwalior-Phagi-II | 0 | 1 |
| 158 | 765kV Phagi-Bhiwani-I | 0 | 0 |
| 159 | 765kV Jabalpur-Dharamjaigarh-III | 0 | 1 |
| 160 | 765kV Jabalpur-Dharamjaigarh-IV | 0 | 1 |

| | | | |
|-----|---------------------------------|---|----|
| 161 | 765kV Aurangabad-Sholapur-I | 1 | 2 |
| 162 | 765kV Aurangabad-Sholapur-II | 0 | 0 |
| 163 | 765kV Jabalpur-Dharamjaigarh-I | 0 | 0 |
| 164 | 765kV Jabalpur-Dharamjaigarh-II | 0 | 0 |
| 165 | 400 kV Kolhapur-Kudgi-I | 0 | 0 |
| 166 | 400 kV Kolhapur-Kudgi-II | 0 | 0 |
| 167 | 400 kV Behramara-Behrampore-I | 0 | 0 |
| 168 | 400 kV Behramara-Behrampore-II | 0 | 0 |
| 169 | Biswanath Chariali-Agra Pole-I | 5 | 11 |
| 170 | | 0 | |
| 171 | | 0 | |
| 172 | | 0 | |
| 173 | | 0 | |
| 174 | | 0 | |
| 175 | | 0 | |
| 176 | | 0 | |
| 177 | | 0 | |
| 178 | | 0 | |
| 179 | | 0 | |
| 180 | | 0 | |
| 181 | | 0 | |
| 182 | | 0 | |
| 183 | | 0 | |

| | | | |
|------------|--|---|--|
| 184 | | 0 | |
| 185 | | 0 | |
| 186 | | 0 | |
| 187 | | 0 | |
| 188 | | 0 | |
| 189 | | 0 | |
| 190 | | 0 | |

List of Tripping of Elements monitored by NLDC for the month of December 2015

| S. No. | Name of Transmission Element | Type of the element | Region Involved | Fault Type | Tripping Date and Time | Brief Reason/Relay Indication | Restoration Date and Time | Duration | Number of Cumulative tripping in the month | NLDC Remarks |
|------------------|--------------------------------|---------------------|-----------------|------------|------------------------|---|---------------------------|----------|--|--------------------|
| HVDC - IR | | | | | | | | | | |
| 1 | Mundra-Mahendragarh-Pole-I | HVDC | WR/NR | SO | 01-12-2015 07:06 | Insulator replacement and cleaning works in HVDC station | 01-12-2015 19:01 | 11:55:00 | 0 | |
| 2 | Mundra-Mahendragarh Pole-II | HVDC | WR/NR | SO | 02-12-2015 07:35 | Insulator replacement and cleaning works in HVDC station | 02-12-2015 17:39 | 10:04:00 | 0 | |
| 3 | Mundra-Mahendragarh-Pole-I | HVDC | WR/NR | SE | 02-12-2015 17:53 | Water leakage problem | 02-12-2015 20:47 | 2:54:00 | 0 | |
| 4 | Mundra-Mahendragarh Pole-II | HVDC | WR/NR | SO | 03-12-2015 06:55 | Insulator replacement and cleaning works in HVDC station | 03-12-2015 18:07 | 11:12:00 | 0 | |
| 5 | Mundra-Mahendragarh-Pole-I | HVDC | WR/NR | SE | 03-12-2015 18:57 | Water leakage problem | 03-12-2015 23:08 | 4:11:00 | 0 | |
| 6 | Mundra-Mahendragarh Pole-II | HVDC | WR/NR | SO | 04-12-2015 07:06 | Insulator replacement and cleaning works in HVDC station | 04-12-2015 18:34 | 11:28:00 | 0 | |
| 7 | Mundra-Mahendragarh Pole-II | HVDC | WR/NR | SO | 05-12-2015 07:52 | Insulator replacement and cleaning works in HVDC station | 05-12-2015 18:30 | 10:38:00 | 0 | |
| 8 | Bhadrawati Pole-II | HVDC | WR/SR | TS | 06-12-2015 07:09 | Non-Valid Tap Code in West Side Converter Transformer | 06-12-2015 07:53 | 0:44:00 | 1 | |
| 9 | Biswanath Chariali-Agra Pole-I | HVDC | NER/NR | TS | 08-12-2015 12:46 | Cooling valve problem at BMC end | 08-12-2015 18:16 | 5:30:00 | 1 | |
| 10 | Pusauli | HVDC | ER/NR | SC | 09-12-2015 06:26 | Construction of new bay For movement of trailer with 500MVA ICT-1 to unloading point. | 09-12-2015 13:52 | 7:26:00 | 0 | No Record in NRLDC |
| 11 | Pusauli | HVDC | ER/NR | SE | 12-12-2015 09:58 | Bird perching | 12-12-2015 14:49 | 4:51:00 | 0 | |
| 12 | Mundra-Mahendragarh Pole-II | HVDC | WR/NR | TS | 14-12-2015 16:54 | commutation failure at mahendergarh end | 14-12-2015 17:43 | 0:49:00 | 1 | |
| 13 | Biswanath Chariali-Agra Pole-I | HVDC | NER/NR | TS | 14-12-2015 17:46 | Valve cooling problem | 14-12-2015 22:54 | 5:08:00 | 2 | |
| 14 | Biswanath Chariali-Agra Pole-I | HVDC | NER/NR | TS | 14-12-2015 23:09 | Protection Indication from other station | 15-12-2015 01:40 | 2:31:00 | 3 | No Record in NRLDC |
| 15 | Biswanath Chariali-Agra Pole-I | HVDC | NER/NR | TS | 16-12-2015 22:49 | Protection Indication from other station | 17-12-2015 00:05 | 1:16:00 | 4 | |
| 16 | Biswanath Chariali-Agra Pole-I | HVDC | NER/NR | TP | 19-12-2015 21:18 | Relay maloperation | 19-12-2015 22:09 | 0:51:00 | 5 | |
| 17 | Biswanath Chariali-Agra Pole-I | HVDC | NER/NR | SO | 21-12-2015 08:16 | To attend Nitrogen gas leakage in valve cooling system at Agra | 21-12-2015 16:57 | 8:41:00 | 5 | |
| 18 | Pusauli | HVDC | ER/NR | SO | 22-12-2015 09:14 | For unloading of one no. 400 kV, 500 MVA ICT at Pusauli | 24-12-2015 11:25 | 50:11:00 | 0 | |
| 19 | Bhadrawati Pole-I | HVDC | WR/SR | SO | 22-12-2015 10:07 | AMP works | 22-12-2015 21:05 | 10:58:00 | 0 | |
| 20 | Bhadrawati Pole-I | HVDC | WR/SR | SO | 23-12-2015 10:05 | AMP works | 23-12-2015 20:38 | 10:33:00 | 0 | |
| 21 | Bhadrawati Pole-I | HVDC | WR/SR | TS | 27-12-2015 04:38 | DC Differential Protection optd | 28-12-2015 02:24 | 21:46:00 | 1 | |
| 22 | Bhadrawati Pole-II | HVDC | WR/SR | TP | 28-12-2015 04:19 | WEST SIDE Y PHASE BUCHOLTZ RELAY OF CONVERTER TRANSFORMER OPERATED | 28-12-2015 05:08 | 0:49:00 | 2 | |
| 23 | Gazuwaka Pole-II | HVDC | ER/SR | TS | 31-12-2015 09:06 | High Harmonic Trip | 31-12-2015 09:47 | 0:41:00 | 1 | |

| S. No. | Name of Transmission Element | Type of the element | Region Involved | Fault Type | Tripping Date and Time | Brief Reason/Relay Indication | Restoration Date and Time | Duration | Number of Cumulative tripping in the month | NLDC Remarks |
|------------------------|---------------------------------|---------------------|-----------------|------------|------------------------|---|---------------------------|-----------|--|--------------|
| 24 | Bhadrawati Pole-I | HVDC | WR/SR | TS | 28-12-2015 04:48 | DC Differential Protection optd | 01-01-2016 00:00 | 91:12:00 | 2 | |
| HVDC - Internal | | | | | | | | | | |
| 25 | Balia-Bhiwadi Pole-I | HVDC | NR | SO | 14-12-2015 10:50 | Power line crossing of 765kv Mainpuri-Hapur line | 14-12-2015 20:04 | 9:14:00 | 0 | |
| 26 | Balia-Bhiwadi Pole-II | HVDC | NR | SO | 14-12-2015 10:50 | Power line crossing of 765kv Mainpuri-Hapur line | 14-12-2015 20:04 | 9:14:00 | 0 | |
| 27 | Balia-Bhiwadi Pole-I | HVDC | NR | SO | 01-12-2015 08:49 | Jumper tightening/insulator cleaning/ terminal equipment AMP,Silicon Grease application work in | 01-12-2015 19:57 | 11:08:00 | 0 | |
| 28 | Balia-Bhiwadi Pole-I | HVDC | NR | SC | 15-12-2015 09:43 | Power line crossing of 765kv Mainpuri-Hapur line | 16-12-2015 13:01 | 27:18:00 | 0 | |
| 29 | Balia-Bhiwadi Pole-II | HVDC | NR | SC | 15-12-2015 09:43 | Power line crossing of 765kv Mainpuri-Hapur line | 15-12-2015 19:21 | 9:38:00 | 0 | |
| 765 kV - IR | | | | | | | | | | |
| 30 | 765 kV Gaya-Fatehpur | Line | ER/NR | SC | 02-12-2015 08:12 | Power line crossing of 765kv Varanasi-Kanpur D/C line | 03-12-2015 19:48 | 35:36:00 | 0 | |
| 31 | 765 kV Gaya-Fatehpur | Line | ER/NR | TL | 08-12-2015 02:19 | Tripped on Distance Protection | 09-12-2015 00:57 | 22:38:00 | 1 | |
| 32 | 765 kV New Ranchi-Dharamjaygarh | Line | ER/WR | MO | 25-12-2015 00:46 | Opened manually due to High Voltage | 01-01-2016 00:00 | 167:14:00 | 0 | |
| 765 kV Internal | | | | | | | | | | |
| 33 | 765kV Angul-Jharsuguda-II | Line | ER | SC | 03-12-2015 08:10 | Stringing work of Angul-Jharsuguda-1 | 03-12-2015 17:58 | 9:48:00 | 0 | |
| 34 | 765kV Angul-Jharsuguda-II | Line | ER | SC | 04-12-2015 08:58 | Stringing work of Angul-Jharsuguda-1 | 04-12-2015 18:04 | 9:06:00 | 0 | |
| 35 | 765kV Angul-Jharsuguda-II | Line | ER | SC | 05-12-2015 09:03 | Stringing work of Angul-Jharsuguda-1 | 05-12-2015 18:23 | 9:20:00 | 0 | |
| 36 | 765kV Angul-Jharsuguda-II | Line | ER | SC | 06-12-2015 09:01 | Stringing work of Angul-Jharsuguda-1 | 06-12-2015 18:17 | 9:16:00 | 0 | |
| 37 | 765kV Angul-Jharsuguda-II | Line | ER | SC | 07-12-2015 08:07 | Stringing work of Angul-Jharsuguda-1 | 07-12-2015 18:09 | 10:02:00 | 0 | |
| 38 | 765kV Angul-Jharsuguda-II | Line | ER | SC | 08-12-2015 08:14 | Stringing work of Angul-Jharsuguda-1 | 08-12-2015 18:36 | 10:22:00 | 0 | |
| 39 | 765kV Angul-Jharsuguda-II | Line | ER | SC | 09-12-2015 08:14 | Stringing work of Angul-Jharsuguda-1 | 09-12-2015 18:28 | 10:14:00 | 0 | |
| 40 | 765kV Angul-Jharsuguda-II | Line | ER | SC | 10-12-2015 08:02 | Stringing work of Angul-Jharsuguda-1 | 10-12-2015 18:25 | 10:23:00 | 0 | |
| 41 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 01-12-2015 02:03 | Opened manually due to High Voltage | 01-12-2015 10:13 | 8:10:00 | 0 | |
| 42 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 02-12-2015 01:40 | Opened manually due to High Voltage | 02-12-2015 10:24 | 8:44:00 | 0 | |
| 43 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 03-12-2015 21:41 | Opened manually due to High Voltage | 04-12-2015 07:33 | 9:52:00 | 0 | |
| 44 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 04-12-2015 20:57 | Opened manually due to High Voltage | 05-12-2015 10:59 | 14:02:00 | 0 | |
| 45 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 05-12-2015 21:04 | Opened manually due to High Voltage | 06-12-2015 21:47 | 24:43:00 | 0 | |

| S. No. | Name of Transmission Element | Type of the element | Region Involved | Fault Type | Tripping Date and Time | Brief Reason/Relay Indication | Restoration Date and Time | Duration | Number of Cumulative tripping in the month | NLDC Remarks |
|--------|----------------------------------|---------------------|-----------------|------------|------------------------|-------------------------------------|---------------------------|----------|--|--------------|
| 46 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 06-12-2015 20:24 | Opened manually due to High Voltage | 07-12-2015 11:13 | 14:49:00 | 0 | |
| 47 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 08-12-2015 21:46 | Opened manually due to High Voltage | 09-12-2015 09:30 | 11:44:00 | 0 | |
| 48 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 09-12-2015 20:52 | Opened manually due to High Voltage | 10-12-2015 09:37 | 12:45:00 | 0 | |
| 49 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 10-12-2015 21:16 | Opened manually due to High Voltage | 11-12-2015 08:35 | 11:19:00 | 0 | |
| 50 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 11-12-2015 21:04 | Opened manually due to High Voltage | 12-12-2015 06:47 | 9:43:00 | 0 | |
| 51 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 13-12-2015 01:16 | Opened manually due to High Voltage | 13-12-2015 11:27 | 10:11:00 | 0 | |
| 52 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 15-12-2015 21:57 | Opened manually due to High Voltage | 16-12-2015 10:08 | 12:11:00 | 0 | |
| 53 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 16-12-2015 20:56 | Opened manually due to High Voltage | 17-12-2015 09:18 | 12:22:00 | 0 | |
| 54 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 17-12-2015 20:56 | Opened manually due to High Voltage | 18-12-2015 08:09 | 11:13:00 | 0 | |
| 55 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 18-12-2015 21:22 | Opened manually due to High Voltage | 19-12-2015 08:03 | 10:41:00 | 0 | |
| 56 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 19-12-2015 21:11 | Opened manually due to High Voltage | 20-12-2015 07:47 | 10:36:00 | 0 | |
| 57 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 22-12-2015 19:42 | Opened manually due to High Voltage | 23-12-2015 09:28 | 13:46:00 | 0 | |
| 58 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 24-12-2015 21:04 | Opened manually due to High Voltage | 25-12-2015 10:10 | 13:06:00 | 0 | |
| 59 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 25-12-2015 21:12 | Opened manually due to High Voltage | 26-12-2015 08:46 | 11:34:00 | 0 | |
| 60 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 26-12-2015 21:46 | Opened manually due to High Voltage | 27-12-2015 09:22 | 11:36:00 | 0 | |
| 61 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 27-12-2015 20:56 | Opened manually due to High Voltage | 28-12-2015 09:25 | 12:29:00 | 0 | |
| 62 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 28-12-2015 20:13 | Opened manually due to High Voltage | 30-12-2015 08:24 | 36:11:00 | 0 | |
| 63 | 765kV Meerut-Bhiwani(PG) | Line | NR | MO | 30-12-2015 20:34 | Opened manually due to High Voltage | 01-01-2016 00:00 | 27:26:00 | 0 | |
| 64 | 765kV Lucknow(PG)-Bareilly(PG)-I | Line | NR | SO | 07-12-2015 10:57 | For extension of Bus-I | 07-12-2015 20:29 | 9:32:00 | 0 | |
| 65 | 765kV Jhatikara-Bhiwani(PG) | Line | NR | TS | 11-12-2015 10:51 | LBB operation | 11-12-2015 11:42 | 0:51:00 | 1 | |
| 66 | 765kV Fatehpur-Agra-II | Line | NR | MO | 01-12-2015 00:00 | Opened manually due to High Voltage | 01-12-2015 06:35 | 6:35:00 | 0 | |
| 67 | 765kV Fatehpur-Agra-II | Line | NR | MO | 01-12-2015 20:02 | Opened manually due to High Voltage | 02-12-2015 09:23 | 13:21:00 | 0 | |
| 68 | 765kV Fatehpur-Agra-II | Line | NR | MO | 02-12-2015 21:04 | Opened manually due to High Voltage | 03-12-2015 07:10 | 10:06:00 | 0 | |
| 69 | 765kV Fatehpur-Agra-II | Line | NR | MO | 03-12-2015 20:59 | Opened manually due to High Voltage | 04-12-2015 07:36 | 10:37:00 | 0 | |
| 70 | 765kV Fatehpur-Agra-II | Line | NR | MO | 04-12-2015 20:53 | Opened manually due to High Voltage | 05-12-2015 08:21 | 11:28:00 | 0 | |

| S. No. | Name of Transmission Element | Type of the element | Region Involved | Fault Type | Tripping Date and Time | Brief Reason/Relay Indication | Restoration Date and Time | Duration | Number of Cumulative tripping in the month | NLDC Remarks |
|--------|------------------------------|---------------------|-----------------|------------|------------------------|---|---------------------------|----------|--|--------------|
| 71 | 765kV Fatehpur-Agra-II | Line | NR | MO | 05-12-2015 21:52 | Opened manually due to High Voltage | 06-12-2015 08:41 | 10:49:00 | 0 | |
| 72 | 765kV Fatehpur-Agra-II | Line | NR | MO | 06-12-2015 21:06 | Opened manually due to High Voltage | 07-12-2015 07:25 | 10:19:00 | 0 | |
| 73 | 765kV Fatehpur-Agra-II | Line | NR | MO | 07-12-2015 21:12 | Opened manually due to High Voltage | 08-12-2015 09:32 | 12:20:00 | 0 | |
| 74 | 765kV Fatehpur-Agra-II | Line | NR | MO | 09-12-2015 01:19 | Opened manually due to High Voltage | 09-12-2015 09:39 | 8:20:00 | 0 | |
| 75 | 765kV Fatehpur-Agra-II | Line | NR | MO | 09-12-2015 20:47 | Opened manually due to High Voltage | 10-12-2015 09:37 | 12:50:00 | 0 | |
| 76 | 765kV Fatehpur-Agra-II | Line | NR | MO | 11-12-2015 21:09 | Opened manually due to High Voltage | 12-12-2015 07:42 | 10:33:00 | 0 | |
| 77 | 765kV Fatehpur-Agra-II | Line | NR | MO | 12-12-2015 21:12 | Opened manually due to High Voltage | 13-12-2015 10:48 | 13:36:00 | 0 | |
| 78 | 765kV Fatehpur-Agra-II | Line | NR | MO | 15-12-2015 20:03 | Opened manually due to High Voltage | 16-12-2015 12:12 | 16:09:00 | 0 | |
| 79 | 765kV Fatehpur-Agra-II | Line | NR | MO | 17-12-2015 21:04 | Opened manually due to High Voltage | 18-12-2015 08:13 | 11:09:00 | 0 | |
| 80 | 765kV Fatehpur-Agra-II | Line | NR | MO | 18-12-2015 20:50 | Opened manually due to High Voltage | 19-12-2015 06:53 | 10:03:00 | 0 | |
| 81 | 765kV Fatehpur-Agra-II | Line | NR | MO | 19-12-2015 21:09 | Opened manually due to High Voltage | 20-12-2015 07:43 | 10:34:00 | 0 | |
| 82 | 765kV Fatehpur-Agra-II | Line | NR | MO | 20-12-2015 21:48 | Opened manually due to High Voltage | 21-12-2015 10:06 | 12:18:00 | 0 | |
| 83 | 765kV Fatehpur-Agra-II | Line | NR | MO | 22-12-2015 21:56 | Opened manually due to High Voltage | 23-12-2015 07:10 | 9:14:00 | 0 | |
| 84 | 765kV Fatehpur-Agra-II | Line | NR | MO | 23-12-2015 21:39 | Opened manually due to High Voltage | 24-12-2015 06:32 | 8:53:00 | 0 | |
| 85 | 765kV Fatehpur-Agra-II | Line | NR | MO | 24-12-2015 21:07 | Opened manually due to High Voltage | 25-12-2015 07:20 | 10:13:00 | 0 | |
| 86 | 765kV Fatehpur-Agra-II | Line | NR | MO | 25-12-2015 21:06 | Opened manually due to High Voltage | 26-12-2015 07:09 | 10:03:00 | 0 | |
| 87 | 765kV Fatehpur-Agra-II | Line | NR | MO | 27-12-2015 21:18 | Opened manually due to High Voltage | 28-12-2015 06:25 | 9:07:00 | 0 | |
| 88 | 765kV Fatehpur-Agra-II | Line | NR | MO | 28-12-2015 20:12 | Opened manually due to High Voltage | 29-12-2015 08:33 | 12:21:00 | 0 | |
| 89 | 765kV Fatehpur-Agra-II | Line | NR | MO | 29-12-2015 21:05 | Opened manually due to High Voltage | 30-12-2015 08:40 | 11:35:00 | 0 | |
| 90 | 765kV Fatehpur-Agra-II | Line | NR | MO | 30-12-2015 21:34 | Opened manually due to High Voltage | 31-12-2015 07:49 | 10:15:00 | 0 | |
| 91 | 765kV Fatehpur-Agra-II | Line | NR | MO | 31-12-2015 20:20 | Opened manually due to High Voltage | 01-01-2016 00:00 | 3:40:00 | 0 | |
| 92 | 765kV Fatehpur-Agra-I | Line | NR | SO | 12-12-2015 09:38 | pre-winter maintenance and other AMP work | 12-12-2015 18:21 | 8:43:00 | 0 | |
| 93 | 765kV Fatehpur-Agra-I | Line | NR | MO | 13-12-2015 20:25 | Opened manually due to High Voltage | 14-12-2015 08:43 | 12:18:00 | 0 | |
| 94 | 765kV Fatehpur-Agra-I | Line | NR | MO | 14-12-2015 21:30 | Opened manually due to High Voltage | 15-12-2015 06:52 | 9:22:00 | 0 | |
| 95 | 765kV Fatehpur-Agra-I | Line | NR | TP | 17-12-2015 10:19 | Relay maloperation | 17-12-2015 11:36 | 1:17:00 | 1 | |

| S. No. | Name of Transmission Element | Type of the element | Region Involved | Fault Type | Tripping Date and Time | Brief Reason/Relay Indication | Restoration Date and Time | Duration | Number of Cumulative tripping in the month | NLDC Remarks |
|--------|------------------------------|---------------------|-----------------|------------|------------------------|--|---------------------------|----------|--|--------------|
| 96 | 765kV Fatehpur-Agra-I | Line | NR | TP | 21-12-2015 10:28 | Reactor protection maloperation | 21-12-2015 11:57 | 1:29:00 | 2 | |
| 97 | 765kV Fatehpur-Agra-I | Line | NR | MO | 01-12-2015 20:02 | Opened manually due to High Voltage | 02-12-2015 09:29 | 13:27:00 | 2 | |
| 98 | 765kV Balia-Lucknow | Line | NR | SO | 03-12-2015 09:06 | Pre-winter maintenance works and other preventive maintenance | 03-12-2015 19:01 | 9:55:00 | 0 | |
| 99 | 765kV Balia-Lucknow | Line | NR | SO | 04-12-2015 08:53 | Pre-winter maintenance works and other preventive maintenance | 04-12-2015 18:56 | 10:03:00 | 0 | |
| 100 | 765kV Balia-Lucknow | Line | NR | TL | 07-12-2015 06:01 | Tripped on Distance Protection | 07-12-2015 06:10 | 0:09:00 | 1 | |
| 101 | 765kV Balia-Lucknow | Line | NR | SE | 07-12-2015 14:50 | Insulator cleaning | 07-12-2015 18:48 | 3:58:00 | 1 | |
| 102 | 765kV Anpara C-Unnao | Line | NR | SO | 06-12-2015 10:30 | Disc cleaning of insulators | 06-12-2015 19:28 | 8:58:00 | 0 | |
| 103 | 765kV Anpara C-Unnao | Line | NR | SO | 09-12-2015 12:21 | For disc cleaning of insulators near unnao area and other pre-winter maintenance works | 09-12-2015 19:28 | 7:07:00 | 0 | |
| 104 | 765kV Agra-Meerut | Line | NR | TL | 05-12-2015 13:24 | Tripped on Distance Protection | 05-12-2015 14:24 | 1:00:00 | 1 | |
| 105 | 765kV Agra-Jhatikara | Line | NR | TS | 11-12-2015 10:51 | LBB operation | 11-12-2015 11:47 | 0:56:00 | 1 | |
| 106 | 765 kV Moga-Meerut | Line | NR | MO | 01-12-2015 00:00 | Opened manually due to High Voltage | 01-12-2015 09:25 | 9:25:00 | 0 | |
| 107 | 765 kV Moga-Meerut | Line | NR | MO | 01-12-2015 20:00 | Opened manually due to High Voltage | 02-12-2015 09:25 | 13:25:00 | 0 | |
| 108 | 765 kV Moga-Meerut | Line | NR | MO | 02-12-2015 21:03 | Opened manually due to High Voltage | 03-12-2015 10:05 | 13:02:00 | 0 | |
| 109 | 765 kV Moga-Meerut | Line | NR | MO | 03-12-2015 20:49 | Opened manually due to High Voltage | 04-12-2015 07:41 | 10:52:00 | 0 | |
| 110 | 765 kV Moga-Meerut | Line | NR | MO | 04-12-2015 20:40 | Opened manually due to High Voltage | 05-12-2015 09:01 | 12:21:00 | 0 | |
| 111 | 765 kV Moga-Meerut | Line | NR | MO | 06-12-2015 21:02 | Opened manually due to High Voltage | 07-12-2015 07:20 | 10:18:00 | 0 | |
| 112 | 765 kV Moga-Meerut | Line | NR | MO | 07-12-2015 21:08 | Opened manually due to High Voltage | 08-12-2015 10:15 | 13:07:00 | 0 | |
| 113 | 765 kV Moga-Meerut | Line | NR | MO | 08-12-2015 10:15 | Opened manually due to High Voltage | 09-12-2015 09:42 | 23:27:00 | 0 | |
| 114 | 765 kV Moga-Meerut | Line | NR | MO | 09-12-2015 20:54 | Opened manually due to High Voltage | 10-12-2015 08:00 | 11:06:00 | 0 | |
| 115 | 765 kV Moga-Meerut | Line | NR | MO | 10-12-2015 21:16 | Opened manually due to High Voltage | 11-12-2015 08:38 | 11:22:00 | 0 | |
| 116 | 765 kV Moga-Meerut | Line | NR | MO | 11-12-2015 21:07 | Opened manually due to High Voltage | 12-12-2015 06:45 | 9:38:00 | 0 | |
| 117 | 765 kV Moga-Meerut | Line | NR | MO | 12-12-2015 20:21 | Opened manually due to High Voltage | 13-12-2015 10:54 | 14:33:00 | 0 | |
| 118 | 765 kV Moga-Meerut | Line | NR | MO | 13-12-2015 20:15 | Opened manually due to High Voltage | 14-12-2015 09:53 | 13:38:00 | 0 | |
| 119 | 765 kV Moga-Meerut | Line | NR | MO | 14-12-2015 20:17 | Opened manually due to High Voltage | 15-12-2015 10:40 | 14:23:00 | 0 | |
| 120 | 765 kV Moga-Meerut | Line | NR | MO | 15-12-2015 20:18 | Opened manually due to High Voltage | 16-12-2015 10:08 | 13:50:00 | 0 | |

| S. No. | Name of Transmission Element | Type of the element | Region Involved | Fault Type | Tripping Date and Time | Brief Reason/Relay Indication | Restoration Date and Time | Duration | Number of Cumulative tripping in the month | NLDC Remarks |
|--------|------------------------------|---------------------|-----------------|------------|------------------------|-------------------------------------|---------------------------|----------|--|--------------|
| 121 | 765 kV Moga-Meerut | Line | NR | MO | 17-12-2015 20:55 | Opened manually due to High Voltage | 18-12-2015 08:08 | 11:13:00 | 0 | |
| 122 | 765 kV Moga-Meerut | Line | NR | MO | 19-12-2015 02:12 | Opened manually due to High Voltage | 19-12-2015 09:07 | 6:55:00 | 0 | |
| 123 | 765 kV Moga-Meerut | Line | NR | MO | 20-12-2015 21:34 | Opened manually due to High Voltage | 21-12-2015 08:34 | 11:00:00 | 0 | |
| 124 | 765 kV Moga-Meerut | Line | NR | MO | 21-12-2015 21:09 | Opened manually due to High Voltage | 22-12-2015 10:38 | 13:29:00 | 0 | |
| 125 | 765 kV Moga-Meerut | Line | NR | MO | 22-12-2015 19:40 | Opened manually due to High Voltage | 23-12-2015 09:03 | 13:23:00 | 0 | |
| 126 | 765 kV Moga-Meerut | Line | NR | MO | 23-12-2015 21:38 | Opened manually due to High Voltage | 24-12-2015 06:50 | 9:12:00 | 0 | |
| 127 | 765 kV Moga-Meerut | Line | NR | MO | 24-12-2015 21:04 | Opened manually due to High Voltage | 25-12-2015 07:59 | 10:55:00 | 0 | |
| 128 | 765 kV Moga-Meerut | Line | NR | MO | 25-12-2015 21:10 | Opened manually due to High Voltage | 26-12-2015 07:50 | 10:40:00 | 0 | |
| 129 | 765 kV Moga-Meerut | Line | NR | MO | 26-12-2015 22:04 | Opened manually due to High Voltage | 27-12-2015 12:02 | 13:58:00 | 0 | |
| 130 | 765 kV Moga-Meerut | Line | NR | MO | 27-12-2015 21:01 | Opened manually due to High Voltage | 28-12-2015 06:51 | 9:50:00 | 0 | |
| 131 | 765 kV Moga-Meerut | Line | NR | MO | 28-12-2015 20:00 | Opened manually due to High Voltage | 29-12-2015 08:47 | 12:47:00 | 0 | |
| 132 | 765 kV Moga-Meerut | Line | NR | MO | 29-12-2015 21:16 | Opened manually due to High Voltage | 30-12-2015 07:38 | 10:22:00 | 0 | |
| 133 | 765 kV Moga-Meerut | Line | NR | MO | 30-12-2015 21:36 | Opened manually due to High Voltage | 31-12-2015 07:50 | 10:14:00 | 0 | |
| 134 | 765 kV Moga-Meerut | Line | NR | MO | 31-12-2015 21:58 | Opened manually due to High Voltage | 01-01-2016 00:00 | 2:02:00 | 0 | |
| 135 | 765kV Raichur-Kurnool-II | Line | SR | MO | 13-12-2015 22:25 | Opened manually due to High Voltage | 14-12-2015 08:45 | 10:20:00 | 0 | |
| 136 | 765kV Raichur-Kurnool-II | Line | SR | MO | 14-12-2015 22:37 | Opened manually due to High Voltage | 15-12-2015 09:03 | 10:26:00 | 0 | |
| 137 | 765kV Raichur-Kurnool-II | Line | SR | MO | 23-12-2015 00:07 | Opened manually due to High Voltage | 23-12-2015 08:14 | 8:07:00 | 0 | |
| 138 | 765kV Raichur-Kurnool-II | Line | SR | MO | 23-12-2015 21:17 | Opened manually due to High Voltage | 24-12-2015 08:17 | 11:00:00 | 0 | |
| 139 | 765kV Raichur-Kurnool-II | Line | SR | MO | 30-12-2015 00:02 | Opened manually due to High Voltage | 31-12-2015 07:53 | 31:51:00 | 0 | |
| 140 | 765kV Raichur-Kurnool-II | Line | SR | MO | 31-12-2015 22:09 | Opened manually due to High Voltage | 01-01-2016 00:00 | 1:51:00 | 0 | |
| 141 | 765kV Raichur-Kurnool-I | Line | SR | TV | 28-12-2015 18:01 | Tripped on over voltage | 28-12-2015 19:13 | 1:12:00 | 1 | |
| 142 | 765kV Kurnool-Thiruvalem-II | Line | SR | TV | 19-12-2015 17:03 | Tripped on over voltage | 19-12-2015 17:27 | 0:24:00 | 1 | |
| 143 | 765kV Kurnool-Thiruvalem-II | Line | SR | TV | 19-12-2015 21:57 | Tripped on over voltage | 20-12-2015 09:49 | 11:52:00 | 2 | |
| 144 | 765kV Kurnool-Thiruvalem-II | Line | SR | TV | 21-12-2015 22:54 | Tripped on over voltage | 22-12-2015 07:36 | 8:42:00 | 3 | |
| 145 | 765kV Kurnool-Thiruvalem-II | Line | SR | MO | 22-12-2015 21:30 | Opened manually due to High Voltage | 23-12-2015 10:45 | 13:15:00 | 3 | |

| S. No. | Name of Transmission Element | Type of the element | Region Involved | Fault Type | Tripping Date and Time | Brief Reason/Relay Indication | Restoration Date and Time | Duration | Number of Cumulative tripping in the month | NLDC Remarks |
|--------|------------------------------|---------------------|-----------------|------------|------------------------|---|---------------------------|-----------|--|-------------------------|
| 146 | 765kV Kurnool-Thiruvalem-II | Line | SR | TV | 23-12-2015 21:54 | Tripped on over voltage | 28-12-2015 09:04 | 107:10:00 | 4 | |
| 147 | 765kV Kurnool-Thiruvalem-II | Line | SR | TV | 01-12-2015 00:00 | Tripped on over voltage | 11-12-2015 16:18 | 256:18:00 | 5 | |
| 148 | 765kV Kurnool-Thiruvalem-II | Line | SR | MO | 28-12-2015 18:03 | Opened manually due to High Voltage | 01-01-2016 00:00 | 77:57:00 | 5 | |
| 149 | 765kV Kurnool-Thiruvalem-I | Line | SR | MO | 11-12-2015 15:34 | Opened manually due to High Voltage | 19-12-2015 14:28 | 190:54:00 | 0 | |
| 150 | 765kV Kurnool-Thiruvalem-I | Line | SR | TV | 19-12-2015 17:03 | Tripped on over voltage | 19-12-2015 18:53 | 1:50:00 | 1 | |
| 151 | 765kV Kurnool-Nellore(PS)-II | Line | SR | MO | 01-12-2015 00:00 | H/T TO CONTAIN OVER VOLTAGE | 01-01-2016 00:00 | 744:00:00 | 0 | |
| 152 | 765kV Wardha-Aurangabad-IV | Line | WR | SO | 13-12-2015 09:43 | Stability test along with Spare Reactor at Aurangabad | 14-12-2015 09:18 | 23:35:00 | 0 | |
| 153 | 765kV Wardha-Aurangabad-III | Line | WR | MO | 01-12-2015 00:00 | Opened manually due to High Voltage | 03-12-2015 06:01 | 54:01:00 | 0 | |
| 154 | 765kV Wardha-Aurangabad-III | Line | WR | MO | 06-12-2015 19:53 | Opened manually due to High Voltage | 08-12-2015 06:21 | 34:28:00 | 0 | |
| 155 | 765kV Wardha-Aurangabad-III | Line | WR | MO | 08-12-2015 17:49 | Opened manually due to High Voltage | 09-12-2015 07:14 | 13:25:00 | 0 | |
| 156 | 765kV Wardha-Aurangabad-III | Line | WR | MO | 09-12-2015 21:34 | Opened manually due to High Voltage | 11-12-2015 10:20 | 36:46:00 | 0 | |
| 157 | 765kV Wardha-Aurangabad-III | Line | WR | SE | 11-12-2015 10:20 | TO ATTEND EARTH SWITCH ALIGNMENT | 13-12-2015 08:07 | 45:47:00 | 0 | |
| 158 | 765kV Wardha-Aurangabad-III | Line | WR | MO | 14-12-2015 13:40 | Opened manually due to High Voltage | 17-12-2015 07:20 | 65:40:00 | 0 | |
| 159 | 765kV Wardha-Aurangabad-III | Line | WR | MO | 17-12-2015 21:09 | Opened manually due to High Voltage | 18-12-2015 06:35 | 9:26:00 | 0 | |
| 160 | 765kV Wardha-Aurangabad-III | Line | WR | MO | 18-12-2015 21:32 | Opened manually due to High Voltage | 20-12-2015 07:28 | 33:56:00 | 0 | |
| 161 | 765kV Wardha-Aurangabad-III | Line | WR | MO | 20-12-2015 17:42 | Opened manually due to High Voltage | 22-12-2015 08:34 | 38:52:00 | 0 | |
| 162 | 765kV Wardha-Aurangabad-III | Line | WR | MO | 22-12-2015 21:31 | Opened manually due to High Voltage | 23-12-2015 06:50 | 9:19:00 | 0 | |
| 163 | 765kV Wardha-Aurangabad-III | Line | WR | MO | 23-12-2015 19:50 | Opened manually due to High Voltage | 25-12-2015 09:02 | 37:12:00 | 0 | Missing in WRLDC record |
| 164 | 765kV Wardha-Aurangabad-III | Line | WR | MO | 26-12-2015 16:14 | Opened manually due to High Voltage | 27-12-2015 07:49 | 15:35:00 | 0 | |
| 165 | 765kV Wardha-Aurangabad-III | Line | WR | MO | 27-12-2015 17:22 | Opened manually due to High Voltage | 01-01-2016 00:00 | 102:38:00 | 0 | |
| 166 | 765kV Wardha-Aurangabad-III | Line | WR | SO | 29-12-2015 09:32 | For defect rectification work | 29-12-2015 19:30 | 9:58:00 | 0 | |
| 167 | 765kV Wardha-Aurangabad-II | Line | WR | TV | 03-12-2015 19:59 | Tripped on over voltage | 04-12-2015 07:10 | 11:11:00 | 1 | |
| 168 | 765kV Wardha-Aurangabad-II | Line | WR | TV | 04-12-2015 20:02 | Tripped on over voltage | 06-12-2015 09:18 | 37:16:00 | 2 | |
| 169 | 765kV Wardha-Aurangabad-II | Line | WR | TV | 25-12-2015 02:58 | Tripped on over voltage | 25-12-2015 04:29 | 1:31:00 | 3 | |
| 170 | 765kV Wardha-Aurangabad-II | Line | WR | TV | 25-12-2015 21:49 | Tripped on over voltage | 26-12-2015 06:35 | 8:46:00 | 4 | |

| S. No. | Name of Transmission Element | Type of the element | Region Involved | Fault Type | Tripping Date and Time | Brief Reason/Relay Indication | Restoration Date and Time | Duration | Number of Cumulative tripping in the month | NLDC Remarks |
|--------|------------------------------|---------------------|-----------------|------------|------------------------|--|---------------------------|----------|--|-------------------------|
| 171 | 765kV Wardha-Aurangabad-II | Line | WR | TV | 27-12-2015 23:57 | Tripped on over voltage | 28-12-2015 05:50 | 5:53:00 | 5 | |
| 172 | 765kV Wardha-Aurangabad-II | Line | WR | TV | 28-12-2015 19:45 | Tripped on over voltage | 28-12-2015 22:12 | 2:27:00 | 6 | |
| 173 | 765kV Wardha-Aurangabad-I | Line | WR | TV | 01-12-2015 00:00 | Tripped on O/V. VOLTAGE AT AURANGABAD AT SCADA 791KV | 01-12-2015 07:34 | 7:34:00 | 1 | |
| 174 | 765kV Wardha-Aurangabad-I | Line | WR | MO | 02-12-2015 19:41 | Opened manually due to High Voltage | 05-12-2015 08:00 | 60:19:00 | 1 | |
| 175 | 765kV Wardha-Aurangabad-I | Line | WR | TV | 05-12-2015 20:50 | Tripped on over voltage | 07-12-2015 08:13 | 35:23:00 | 2 | |
| 176 | 765kV Wardha-Aurangabad-I | Line | WR | MO | 07-12-2015 17:55 | Opened manually due to High Voltage | 10-12-2015 08:03 | 62:08:00 | 2 | |
| 177 | 765kV Wardha-Aurangabad-I | Line | WR | TV | 11-12-2015 17:01 | Tripped on over voltage | 12-12-2015 07:14 | 14:13:00 | 3 | |
| 178 | 765kV Wardha-Aurangabad-I | Line | WR | TV | 11-12-2015 17:01 | Tripped on over voltage | 12-12-2015 07:14 | 14:13:00 | 4 | |
| 179 | 765kV Wardha-Aurangabad-I | Line | WR | MO | 12-12-2015 20:43 | Opened manually due to High Voltage | 13-12-2015 06:45 | 10:02:00 | 4 | |
| 180 | 765kV Wardha-Aurangabad-I | Line | WR | MO | 13-12-2015 17:14 | Opened manually due to High Voltage | 14-12-2015 08:47 | 15:33:00 | 4 | |
| 181 | 765kV Wardha-Aurangabad-I | Line | WR | MO | 14-12-2015 20:30 | Opened manually due to High Voltage | 15-12-2015 08:36 | 12:06:00 | 4 | |
| 182 | 765kV Wardha-Aurangabad-I | Line | WR | MO | 15-12-2015 17:54 | Opened manually due to High Voltage | 16-12-2015 06:53 | 12:59:00 | 4 | |
| 183 | 765kV Wardha-Aurangabad-I | Line | WR | MO | 16-12-2015 17:49 | Opened manually due to High Voltage | 17-12-2015 10:22 | 16:33:00 | 4 | |
| 184 | 765kV Wardha-Aurangabad-I | Line | WR | MO | 17-12-2015 10:28 | Opened manually due to High Voltage | 19-12-2015 06:30 | 44:02:00 | 4 | |
| 185 | 765kV Wardha-Aurangabad-I | Line | WR | MO | 19-12-2015 21:03 | Opened manually due to High Voltage | 21-12-2015 07:08 | 34:05:00 | 4 | |
| 186 | 765kV Wardha-Aurangabad-I | Line | WR | MO | 21-12-2015 19:49 | Opened manually due to High Voltage | 24-12-2015 08:02 | 60:13:00 | 4 | |
| 187 | 765kV Wardha-Aurangabad-I | Line | WR | MO | 24-12-2015 17:49 | Opened manually due to High Voltage | 25-12-2015 09:02 | 15:13:00 | 4 | |
| 188 | 765kV Wardha-Aurangabad-I | Line | WR | MO | 26-12-2015 20:51 | Opened manually due to High Voltage | 27-12-2015 07:06 | 10:15:00 | 4 | |
| 189 | 765kV Wardha-Aurangabad-I | Line | WR | MO | 28-12-2015 19:45 | Opened manually due to High Voltage | 29-12-2015 07:26 | 11:41:00 | 4 | |
| 190 | 765kV Wardha-Aurangabad-I | Line | WR | MO | 30-12-2015 18:42 | Opened manually due to High Voltage | 31-12-2015 06:54 | 12:12:00 | 4 | |
| 191 | 765kV Wardha-Aurangabad-I | Line | WR | MO | 31-12-2015 17:40 | Opened manually due to High Voltage | 01-01-2016 00:00 | 6:20:00 | 4 | |
| 192 | 765kV Seoni-Wardha-I | Line | WR | SE | 27-12-2015 08:31 | Rectification of damaged conductor | 27-12-2015 15:41 | 7:10:00 | 0 | Missing in WRLDC record |
| 193 | 765kV Seoni-Wardha-I | Line | WR | MO | 27-12-2015 23:14 | Opened manually due to High Voltage | 28-12-2015 08:53 | 9:39:00 | 0 | |
| 194 | 765kV Seoni-Wardha-I | Line | WR | MO | 28-12-2015 22:08 | Opened manually due to High Voltage | 28-12-2015 23:06 | 0:58:00 | 0 | |
| 195 | 765kV Seoni-Bina-I | Line | WR | TL | 25-12-2015 00:38 | Tripped on Distance Protection | 25-12-2015 00:56 | 0:18:00 | 1 | |

| S. No. | Name of Transmission Element | Type of the element | Region Involved | Fault Type | Tripping Date and Time | Brief Reason/Relay Indication | Restoration Date and Time | Duration | Number of Cumulative tripping in the month | NLDC Remarks |
|--------|--|---------------------|-----------------|------------|------------------------|---|---------------------------|-----------|--|-------------------------|
| 196 | 765kV Seoni-Bilaspur-II | Line | WR | SE | 10-12-2015 12:16 | DGA sampling of LR bushing | 10-12-2015 14:46 | 2:30:00 | 0 | Missing in WRLDC record |
| 197 | 765kV Seoni-Bilaspur-II | Line | WR | SE | 24-12-2015 10:39 | To attend damage in Line conductor | 24-12-2015 19:27 | 8:48:00 | 0 | Missing in WRLDC record |
| 198 | 765kV Satna-Gwalior-II | Line | WR | SC | 21-12-2015 12:01 | Stringing of 800kv HVDC Champa-Kurukshetra line | 21-12-2015 19:23 | 7:22:00 | 0 | |
| 199 | 765kV Satna-Gwalior-I | Line | WR | SC | 19-12-2015 08:25 | Stringing of 800kv HVDC Champa-Kurukshetra line | 19-12-2015 20:28 | 12:03:00 | 0 | |
| 200 | 765kV Satna-Bina-II | Line | WR | SO | 07-12-2015 15:00 | Spare reactor change over | 07-12-2015 18:39 | 3:39:00 | 0 | |
| 201 | 765kV Satna-Bina-I | Line | WR | SO | 07-12-2015 09:55 | For Spare reactor change over | 07-12-2015 13:20 | 3:25:00 | 0 | |
| 202 | 765kV Sasan - Vindhychal PS | Line | WR | SO | 19-12-2015 11:01 | For fixing of spacers on trunk bus | 19-12-2015 19:56 | 8:55:00 | 0 | |
| 203 | 765kV Raigarh-PS(Kotra)-Raipur-PS(Durg)-II | Line | WR | MO | 15-12-2015 15:35 | Opened manually due to High Voltage | 01-01-2016 00:00 | 392:25:00 | 0 | |
| 204 | 765kV Raigarh-PS(Kotra)-Raipur-PS(Durg)-I | Line | WR | MO | 02-12-2015 00:04 | Opened manually due to High Voltage | 02-12-2015 07:43 | 7:39:00 | 0 | |
| 205 | 765kV Pune-Sholapur | Line | WR | TV | 22-12-2015 03:01 | Tripped on over voltage | 22-12-2015 06:14 | 3:13:00 | 1 | |
| 206 | 765kV Pune-Sholapur | Line | WR | TV | 24-12-2015 21:53 | Tripped on over voltage | 25-12-2015 07:24 | 9:31:00 | 2 | |
| 207 | 765kV Pune-Sholapur | Line | WR | TV | 25-12-2015 21:45 | Tripped on over voltage | 26-12-2015 07:34 | 9:49:00 | 3 | |
| 208 | 765kV Pune-Sholapur | Line | WR | TP | 27-12-2015 20:55 | Tripped on over voltage | 28-12-2015 07:19 | 10:24:00 | 4 | |
| 209 | 765kV Pune-Sholapur | Line | WR | SC | 29-12-2015 08:04 | For attending the balance OPGW laying work | 30-12-2015 06:40 | 22:36:00 | 4 | |
| 210 | 765kV Pune-Sholapur | Line | WR | SO | 31-12-2015 12:05 | Balance Rectification Work | 31-12-2015 18:10 | 6:05:00 | 4 | |
| 211 | 765kV Jabalpur-Dharamjaigarh-IV | Line | WR | SO | 03-12-2015 13:06 | Spare Reactor Commissioning | 11-12-2015 08:53 | 187:47:00 | 0 | |
| 212 | 765kV Jabalpur-Dharamjaigarh-II | Line | WR | MO | 01-12-2015 00:00 | Opened manually due to High Voltage | 03-12-2015 12:49 | 60:49:00 | 0 | |
| 213 | 765kV Jabalpur-Dharamjaigarh-I | Line | WR | MO | 12-12-2015 20:39 | Opened manually due to High Voltage | 01-01-2016 00:00 | 459:21:00 | 0 | |
| 214 | 765kV Indore-Bhopal | Line | WR | SO | 23-12-2015 11:49 | Line Isolator Work by POWERGRID and online OPGW work by Sterlite | 23-12-2015 19:49 | 8:00:00 | 0 | |
| 215 | 765kV Indore-Bhopal | Line | WR | SO | 24-12-2015 11:01 | Rectification of Damage line earth switch and for alignment of line isolator and earth switch | 24-12-2015 18:34 | 7:33:00 | 0 | |
| 216 | 765kV Indore-Bhopal | Line | WR | SO | 25-12-2015 10:07 | Rectification of Damage line earth switch and for alignment of line isolator and earth switch | 25-12-2015 22:25 | 12:18:00 | 0 | |
| 217 | 765kV Durg-Wardha-I | Line | WR | MO | 05-12-2015 17:48 | Opened manually due to High Voltage | 07-12-2015 09:53 | 40:05:00 | 0 | |
| 218 | 765kV Durg-Wardha-I | Line | WR | MO | 21-12-2015 00:21 | Opened manually due to High Voltage | 21-12-2015 06:20 | 5:59:00 | 0 | |
| 219 | 765kV Durg-Wardha-I | Line | WR | MO | 23-12-2015 00:18 | Opened manually due to High Voltage | 23-12-2015 05:53 | 5:35:00 | 0 | |
| 220 | 765kV Durg-Wardha-I | Line | WR | MO | 25-12-2015 03:40 | Opened manually due to High Voltage | 25-12-2015 07:28 | 3:48:00 | 0 | |

| S. No. | Name of Transmission Element | Type of the element | Region Involved | Fault Type | Tripping Date and Time | Brief Reason/Relay Indication | Restoration Date and Time | Duration | Number of Cumulative tripping in the month | NLDC Remarks |
|--------|-------------------------------------|---------------------|-----------------|------------|------------------------|---|---------------------------|-----------|--|------------------------------------|
| 221 | 765kV Durg-Wardha-I | Line | WR | MO | 28-12-2015 00:05 | Opened manually due to High Voltage | 28-12-2015 08:36 | 8:31:00 | 0 | |
| 222 | 765kV Durg-Wardha-I | Line | WR | MO | 28-12-2015 21:54 | Opened manually due to High Voltage | 29-12-2015 06:53 | 8:59:00 | 0 | |
| 223 | 765kV Durg-Wardha-I | Line | WR | MO | 30-12-2015 21:17 | Opened manually due to High Voltage | 31-12-2015 06:01 | 8:44:00 | 0 | |
| 224 | 765kV Dhule-Vadodara | Line | WR | TL | 03-12-2015 08:41 | Tripped on Distance Protection | 03-12-2015 19:07 | 10:26:00 | 1 | |
| 225 | 765kV Dhule-Vadodara | Line | WR | MO | 14-12-2015 22:12 | Opened manually due to High Voltage | 15-12-2015 06:31 | 8:19:00 | 1 | |
| 226 | 765kV Dhule-Vadodara | Line | WR | SO | 15-12-2015 14:59 | Spare reactor commissioning | 16-12-2015 01:37 | 10:38:00 | 1 | |
| 227 | 765kV Dhule-Vadodara | Line | WR | MO | 16-12-2015 01:37 | Opened manually due to High Voltage | 16-12-2015 11:58 | 10:21:00 | 1 | Line could not be charged on 16.12 |
| 228 | 765kV Dhule-Vadodara | Line | WR | MO | 25-12-2015 03:14 | Opened manually due to High Voltage | 25-12-2015 06:48 | 3:34:00 | 1 | |
| 229 | 765kV Dhule-Vadodara | Line | WR | MO | 25-12-2015 21:49 | Opened manually due to High Voltage | 26-12-2015 06:20 | 8:31:00 | 1 | |
| 230 | 765kV Dhule-Vadodara | Line | WR | MO | 26-12-2015 22:12 | Opened manually due to High Voltage | 27-12-2015 07:05 | 8:53:00 | 1 | |
| 231 | 765kV Dhule-Vadodara | Line | WR | MO | 31-12-2015 22:02 | Opened manually due to High Voltage | 01-01-2016 00:00 | 1:58:00 | 1 | |
| 232 | 765kV Dharamjaigarh-Raipur-PS(DURG) | Line | WR | SO | 09-12-2015 08:23 | To attend the hot spots, fixing of dislocated spacers and tightening of jumper nuts & bolts | 11-12-2015 18:39 | 58:16:00 | 0 | |
| 233 | 765kV Dharamjaigarh-Raipur-PS(DURG) | Line | WR | MO | 11-12-2015 18:39 | Opened manually due to High Voltage | 15-12-2015 08:44 | 86:05:00 | 0 | |
| 234 | 765kV Bina-Jabalpur-II | Line | WR | SO | 29-12-2015 09:05 | REACTOR & TERMINAL EQUIPMENT AMP WORK | 29-12-2015 18:13 | 9:08:00 | 0 | |
| 235 | 765kV Bina-Jabalpur-I | Line | WR | SO | 28-12-2015 11:30 | REACTOR & TERMINAL EQUIPMENT AMP WORK | 28-12-2015 19:44 | 8:14:00 | 0 | |
| 236 | 765kV Bina-Indore | Line | WR | SO | 01-12-2015 10:19 | AMP OF LINE REACTOR at Indore | 01-12-2015 20:36 | 10:17:00 | 0 | |
| 237 | 765kV Bina-Gwalior-I | Line | WR | SE | 21-12-2015 05:36 | Heavy spark in R phase L/R Isolator at Bina End | 21-12-2015 11:27 | 5:51:00 | 0 | |
| 238 | 765kV Aurangabad-Sholapur-I | Line | WR | TL | 29-12-2015 12:43 | Tripped on Distance Protection | 30-12-2015 19:00 | 30:17:00 | 1 | |
| 239 | 765kV Aurangabad-Dhule(BDTCL) | Line | WR | MO | 03-12-2015 22:32 | Opened manually due to High Voltage | 04-12-2015 07:18 | 8:46:00 | 0 | |
| 240 | 765kV Aurangabad-Dhule(BDTCL) | Line | WR | MO | 05-12-2015 00:35 | Opened manually due to High Voltage | 05-12-2015 07:16 | 6:41:00 | 0 | |
| 241 | 765kV Aurangabad-Dhule(BDTCL) | Line | WR | MO | 27-12-2015 21:39 | Opened manually due to High Voltage | 28-12-2015 06:43 | 9:04:00 | 0 | |
| 242 | 765 kV Kotra-Champa-I | Line | WR | MO | 01-12-2015 00:00 | Opened manually due to High Voltage | 02-12-2015 07:46 | 31:46:00 | 0 | |
| 243 | 765 kV Kotra-Champa-I | Line | WR | TV | 02-12-2015 14:06 | Tripped on over voltage | 15-12-2015 16:20 | 314:14:00 | 1 | |
| 244 | 765 kV Kotra-Champa-I | Line | WR | MO | 26-12-2015 01:52 | Opened manually due to High Voltage | 01-01-2016 00:00 | 142:08:00 | 1 | |
| 245 | 765 kV Durg-Champa-I | Line | WR | MO | 01-12-2015 00:00 | Opened manually due to High Voltage | 02-12-2015 07:43 | 31:43:00 | 0 | |

| S. No. | Name of Transmission Element | Type of the element | Region Involved | Fault Type | Tripping Date and Time | Brief Reason/Relay Indication | Restoration Date and Time | Duration | Number of Cumulative tripping in the month | NLDC Remarks |
|-----------------------------------|--|---------------------|-----------------|------------|------------------------|---|---------------------------|-----------|--|-------------------------|
| 246 | 765 kV Durg-Champa-I | Line | WR | TV | 02-12-2015 14:06 | Tripped on over voltage | 02-12-2015 15:12 | 1:06:00 | 1 | |
| 247 | 765 kV Durg-Champa-I | Line | WR | MO | 02-12-2015 20:00 | Opened manually due to High Voltage | 09-12-2015 08:14 | 156:14:00 | 1 | |
| 248 | 765 kV Durg-Champa-I | Line | WR | SO | 09-12-2015 08:14 | To attend the hot spots, fixing of dislocated spacers and tightening of jumper nuts & bolts | 15-12-2015 16:34 | 152:20:00 | 1 | |
| 249 | 765 kV Durg-Champa-I | Line | WR | MO | 26-12-2015 01:50 | Opened manually due to High Voltage | 01-01-2016 00:00 | 142:10:00 | 1 | |
| 765 kV Reactors & ICTs | | | | | | | | | | |
| 250 | B/R-I at Vadodara | Bus Reactor | WR | SO | 07-12-2015 10:45 | CSD COMMISSIONING | 07-12-2015 17:03 | 6:18:00 | 0 | |
| 251 | B/R-I at Satna | Bus Reactor | WR | SO | 14-12-2015 10:21 | AMP works | 14-12-2015 18:40 | 8:19:00 | 0 | |
| 252 | B/R-I at Phagi | Bus Reactor | NR | SE | 22-12-2015 14:11 | To attend oil leakage | 22-12-2015 18:01 | 3:50:00 | 0 | |
| 253 | B/R-II at Wardha | Bus Reactor | WR | SO | 29-12-2015 10:20 | Rectification of jumpering and balance Fire fighting work | 29-12-2015 19:15 | 8:55:00 | 0 | |
| 254 | B/R-I at Vindhyachal PS | Bus Reactor | WR | SO | 29-12-2015 10:20 | Spare reactor testing | 29-12-2015 20:17 | 9:57:00 | 0 | |
| 255 | B/R-I at Vadodara | Bus Reactor | WR | SO | 31-12-2015 12:38 | To attend defect in support insulators of Auxiliary Bus of Bus Reactor. | 01-01-2016 00:00 | 11:22:00 | 0 | |
| 256 | B/R-I at Vindhyachal PS | Bus Reactor | WR | SO | 31-12-2015 17:21 | To take new spare reactor into service | 31-12-2015 20:56 | 3:35:00 | 0 | |
| 257 | 765/220 kV ICT-II at Lalitpur | ICT | NR | SO | 01-12-2015 00:00 | As a precautionary measure as R Phase of ICT#2 is adjacent to plinth area of spare ICT. | 02-12-2015 11:14 | 35:14:00 | 0 | |
| 258 | 765/400 kV ICT-II at Vindhyachal PS | ICT | WR | SO | 02-12-2015 09:43 | Spare ICT unit commissioning | 03-12-2015 22:11 | 36:28:00 | 0 | |
| 259 | 765/400 kV ICT-I at Jharsuguda | ICT | ER | SO | 04-12-2015 09:37 | AMP works | 04-12-2015 19:02 | 9:25:00 | 0 | |
| 260 | 765/400 kV ICT-II at Aurangabad(PG) | ICT | WR | SO | 04-12-2015 18:51 | Commissioning of CSDs at Aurangabad | 04-12-2015 20:27 | 1:36:00 | 0 | |
| 261 | 765/400 kV ICT-I at Jharsuguda | ICT | ER | SO | 05-12-2015 09:04 | AMP works | 05-12-2015 18:04 | 9:00:00 | 0 | |
| 262 | 765/400 kV ICT-II at Jabalpur-PS | ICT | WR | SE | 05-12-2015 11:13 | Oil leakage | 05-12-2015 13:49 | 2:36:00 | 0 | Missing in WRLDC record |
| 263 | 765/400 kV ICT-II at Jharsuguda | ICT | ER | SO | 07-12-2015 09:27 | For attending punch point and painting of fire fighting ring | 07-12-2015 19:43 | 10:16:00 | 0 | |
| 264 | 765/400 kV ICT-IV at Raigarh-PS(Kotra) | ICT | WR | SO | 07-12-2015 11:52 | AMP works | 07-12-2015 18:08 | 6:16:00 | 0 | |
| 265 | 765/400 kV ICT-II at Jharsuguda | ICT | ER | SO | 08-12-2015 09:56 | For attending punch point and painting of fire fighting ring | 08-12-2015 19:03 | 9:07:00 | 0 | |
| 266 | 765/400 kV ICT-I at Vadodara | ICT | WR | SO | 08-12-2015 20:13 | CSD commissioning | 09-12-2015 00:13 | 4:00:00 | 0 | |
| 267 | 765/400 kV ICT-I at Unnao | ICT | NR | SO | 09-12-2015 12:21 | For disc cleaning of insulators near unnao area and other pre-winter maintenance works | 09-12-2015 19:28 | 7:07:00 | 0 | No Record in NRLDC |
| 268 | 765/400 kV ICT-II at Unnao | ICT | NR | SO | 09-12-2015 12:21 | For disc cleaning of insulators near unnao area and other pre-winter maintenance works | 09-12-2015 19:28 | 7:07:00 | 0 | No Record in NRLDC |
| 269 | 765/400 kV ICT-I at Vadodara | ICT | WR | SO | 09-12-2015 20:25 | CSD commissioning | 10-12-2015 00:18 | 3:53:00 | 0 | |

| S. No. | Name of Transmission Element | Type of the element | Region Involved | Fault Type | Tripping Date and Time | Brief Reason/Relay Indication | Restoration Date and Time | Duration | Number of Cumulative tripping in the month | NLDC Remarks |
|-------------------|---------------------------------------|---------------------|-----------------|------------|------------------------|--|---------------------------|-----------|--|-------------------------|
| 270 | 765/400 kV ICT-II at Nellore | ICT | SR | SO | 11-12-2015 11:11 | CSD commissioning | 11-12-2015 19:52 | 8:41:00 | 0 | |
| 271 | 765/400 kV ICT-III at Nellore | ICT | SR | SO | 12-12-2015 09:43 | CSD commissioning | 12-12-2015 20:32 | 10:49:00 | 0 | |
| 272 | 765/400 kV ICT-II at Indore | ICT | WR | SO | 14-12-2015 13:15 | AMP works | 14-12-2015 19:02 | 5:47:00 | 0 | |
| 273 | 765/400 kV ICT-I at Vindhyachal PS | ICT | WR | SO | 14-12-2015 11:36 | Spare ICT commissioning | 14-12-2015 20:30 | 8:54:00 | 0 | |
| 274 | 765/400 kV ICT-I at Pune | ICT | WR | TS | 16-12-2015 11:03 | BUS FAULT AT PUNE GIS | 16-12-2015 11:54 | 0:51:00 | 1 | |
| 275 | 765/400 kV ICT-I at Bhiwani | ICT | NR | SO | 17-12-2015 10:43 | AMP works | 17-12-2015 17:04 | 6:21:00 | 0 | |
| 276 | 765/400 kV ICT-I at Bina | ICT | WR | SO | 19-12-2015 09:34 | AMP works | 19-12-2015 20:13 | 10:39:00 | 0 | |
| 277 | 765/400 kV ICT-I at Thiruvalem | ICT | SR | SO | 19-12-2015 09:59 | CSD commissioning | 19-12-2015 19:19 | 9:20:00 | 0 | |
| 278 | 765/400 kV ICT-II at Thiruvalem | ICT | SR | SO | 20-12-2015 10:08 | CSD commissioning | 20-12-2015 18:33 | 8:25:00 | 0 | |
| 279 | 765/400 kV ICT-III at Wardha | ICT | WR | SO | 21-12-2015 09:50 | AMP works | 21-12-2015 20:09 | 10:19:00 | 0 | |
| 280 | 765/400 kV ICT-I at Vindhyachal PS | ICT | WR | SO | 21-12-2015 11:23 | Spare ICT commissioning | 22-12-2015 14:03 | 26:40:00 | 0 | |
| 281 | 765/400 kV ICT-I at Raigarh-PS(Kotra) | ICT | WR | SO | 21-12-2015 12:23 | COMMISSIONING OF CSD | 22-12-2015 18:32 | 30:09:00 | 0 | |
| 282 | 765/400 kV ICT-I at Wardha | ICT | WR | SO | 22-12-2015 10:06 | Tan delta testing | 22-12-2015 18:42 | 8:36:00 | 0 | |
| 283 | 765/400 kV ICT-I at Dhule | ICT | WR | SO | 22-12-2015 10:36 | to carry out the offline tap changing checks | 22-12-2015 12:58 | 2:22:00 | 0 | |
| 284 | 765/400 kV ICT-II at Dhule | ICT | WR | SO | 22-12-2015 13:19 | to carry out the offline tap changing checks | 22-12-2015 14:11 | 0:52:00 | 0 | |
| 285 | 765/400 kV ICT-I at Jabalpur-PS | ICT | WR | TP | 24-12-2015 05:00 | TRIPPED ON OVER FLUX | 24-12-2015 06:47 | 1:47:00 | 1 | |
| 286 | 765/400 kV ICT-II at Jabalpur-PS | ICT | WR | TP | 24-12-2015 05:00 | TRIPPED ON OVER FLUX | 24-12-2015 07:01 | 2:01:00 | 1 | |
| 287 | 765/400 kV ICT-II at Pune | ICT | WR | SO | 25-12-2015 10:07 | AMP works | 25-12-2015 20:12 | 10:05:00 | 0 | |
| 288 | 765/400 kV ICT-I at Vindhyachal PS | ICT | WR | SO | 26-12-2015 11:08 | Spare ICT unit commissioning | 26-12-2015 18:32 | 7:24:00 | 0 | |
| 289 | 765/400 kV ICT-I at Aurangabad(PG) | ICT | WR | SO | 31-12-2015 13:12 | For normalization of Y-ph unit and take out spare unit | 31-12-2015 20:29 | 7:17:00 | 0 | Missing in WRLDC record |
| 400kV - IR | | | | | | | | | | |
| 290 | 400 kV Tala - Binaguri - IV | Line | Bhutan | SO | 14-12-2015 08:55 | AMP works | 01-01-2016 00:00 | 423:05:00 | 0 | |
| 291 | 400 kV Sterlite-Raigarh | Line | ER/WR | SC | 02-12-2015 07:48 | Crossing works of 400kV KWPC-L-Kotra D/C | 03-12-2015 21:57 | 38:09:00 | 0 | |
| 292 | 400 kV Siliguri-Bongaigaon-IV | Line | ER/NER | MO | 24-12-2015 23:05 | Opened manually due to High Voltage | 25-12-2015 17:18 | 18:13:00 | 0 | |
| 293 | 400 kV Siliguri-Bongaigaon-III | Line | ER/NER | MO | 01-12-2015 03:41 | Opened manually due to High Voltage | 07-12-2015 16:52 | 157:11:00 | 0 | |

| S. No. | Name of Transmission Element | Type of the element | Region Involved | Fault Type | Tripping Date and Time | Brief Reason/Relay Indication | Restoration Date and Time | Duration | Number of Cumulative tripping in the month | NLDC Remarks |
|--------|--------------------------------|---------------------|-----------------|------------|------------------------|-------------------------------------|---------------------------|-----------|--|------------------------------|
| 294 | 400 kV Siliguri-Bongaigaon-III | Line | ER/NER | MO | 08-12-2015 00:36 | Opened manually due to High Voltage | 15-12-2015 17:26 | 184:50:00 | 0 | |
| 295 | 400 kV Siliguri-Bongaigaon-III | Line | ER/NER | MO | 11-12-2015 00:36 | Opened manually due to High Voltage | 15-12-2015 17:26 | 112:50:00 | 0 | |
| 296 | 400 kV Siliguri-Bongaigaon-III | Line | ER/NER | MO | 15-12-2015 23:33 | Opened manually due to High Voltage | 21-12-2015 06:50 | 127:17:00 | 0 | |
| 297 | 400 kV Siliguri-Bongaigaon-III | Line | ER/NER | MO | 23-12-2015 00:12 | Opened manually due to High Voltage | 23-12-2015 08:01 | 7:49:00 | 0 | |
| 298 | 400 kV Siliguri-Bongaigaon-III | Line | ER/NER | MO | 23-12-2015 00:24 | Opened manually due to High Voltage | 23-12-2015 08:01 | 7:37:00 | 0 | |
| 299 | 400 kV Siliguri-Bongaigaon-III | Line | ER/NER | MO | 24-12-2015 03:25 | Opened manually due to High Voltage | 24-12-2015 16:43 | 13:18:00 | 0 | |
| 300 | 400 kV Siliguri-Bongaigaon-III | Line | ER/NER | MO | 25-12-2015 23:34 | Opened manually due to High Voltage | 26-12-2015 17:17 | 17:43:00 | 0 | |
| 301 | 400 kV Siliguri-Bongaigaon-III | Line | ER/NER | MO | 30-12-2015 04:24 | Opened manually due to High Voltage | 30-12-2015 12:17 | 7:53:00 | 0 | |
| 302 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | MO | 03-12-2015 00:14 | Opened manually due to High Voltage | 08-12-2015 17:27 | 137:13:00 | 0 | |
| 303 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | SO | 11-12-2015 08:48 | Insulator Replacement Work | 11-12-2015 17:54 | 9:06:00 | 0 | |
| 304 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | SO | 12-12-2015 10:17 | Insulator Replacement Work | 12-12-2015 17:37 | 7:20:00 | 0 | |
| 305 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | MO | 13-12-2015 09:07 | Opened manually due to High Voltage | 13-12-2015 18:19 | 9:12:00 | 0 | |
| 306 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | SO | 13-12-2015 09:07 | Insulator Replacement Work | 13-12-2015 18:19 | 9:12:00 | 0 | |
| 307 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | SO | 14-12-2015 08:13 | Insulator Replacement Work | 14-12-2015 20:09 | 11:56:00 | 0 | |
| 308 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | MO | 15-12-2015 01:09 | Opened manually due to High Voltage | 15-12-2015 08:39 | 7:30:00 | 0 | |
| 309 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | SO | 15-12-2015 08:39 | Insulator Replacement Work | 15-12-2015 18:52 | 10:13:00 | 0 | Line was already open on O/V |
| 310 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | MO | 15-12-2015 22:30 | Opened manually due to High Voltage | 16-12-2015 09:00 | 10:30:00 | 0 | |
| 311 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | SO | 16-12-2015 09:00 | Insulator Replacement Work | 16-12-2015 18:24 | 9:24:00 | 0 | Line was already open on O/V |
| 312 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | SO | 17-12-2015 09:08 | Insulator Replacement Work | 17-12-2015 18:40 | 9:32:00 | 0 | |
| 313 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | SO | 18-12-2015 08:52 | Insulator Replacement Work | 18-12-2015 19:16 | 10:24:00 | 0 | |
| 314 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | SO | 19-12-2015 09:32 | Insulator Replacement Work | 19-12-2015 18:10 | 8:38:00 | 0 | |
| 315 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | MO | 20-12-2015 01:35 | Opened manually due to High Voltage | 20-12-2015 09:10 | 7:35:00 | 0 | |
| 316 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | SO | 20-12-2015 09:10 | Insulator Replacement Work | 20-12-2015 18:21 | 9:11:00 | 0 | Line was already open on O/V |
| 317 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | MO | 21-12-2015 01:01 | Opened manually due to High Voltage | 21-12-2015 08:43 | 7:42:00 | 0 | |
| 318 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | SO | 21-12-2015 08:43 | Insulator Replacement Work | 21-12-2015 17:34 | 8:51:00 | 0 | |

| S. No. | Name of Transmission Element | Type of the element | Region Involved | Fault Type | Tripping Date and Time | Brief Reason/Relay Indication | Restoration Date and Time | Duration | Number of Cumulative tripping in the month | NLDC Remarks |
|--------|-------------------------------|---------------------|-----------------|------------|------------------------|---|---------------------------|----------|--|--------------|
| 319 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | SO | 22-12-2015 08:30 | Insulator Replacement Work | 23-12-2015 10:41 | 26:11:00 | 0 | |
| 320 | 400 kV Siliguri-Bongaigaon-II | Line | ER/NER | TV | 23-12-2015 13:24 | Tripped on over voltage | 23-12-2015 14:52 | 1:28:00 | 1 | |
| 321 | 400 kV Siliguri-Bongaigaon-I | Line | ER/NER | MO | 01-12-2015 00:00 | Opened manually due to High Voltage | 02-12-2015 17:24 | 41:24:00 | 0 | |
| 322 | 400 kV Siliguri-Bongaigaon-I | Line | ER/NER | SO | 23-12-2015 09:58 | Insulator Replacement Work | 23-12-2015 18:26 | 8:28:00 | 0 | |
| 323 | 400 kV Siliguri-Bongaigaon-I | Line | ER/NER | SO | 24-12-2015 08:11 | Insulator Replacement Work | 24-12-2015 18:18 | 10:07:00 | 0 | |
| 324 | 400 kV Siliguri-Bongaigaon-I | Line | ER/NER | SO | 25-12-2015 08:57 | Insulator Replacement Work | 25-12-2015 18:10 | 9:13:00 | 0 | |
| 325 | 400 kV Siliguri-Bongaigaon-I | Line | ER/NER | SO | 26-12-2015 08:53 | Insulator Replacement Work | 26-12-2015 18:30 | 9:37:00 | 0 | |
| 326 | 400 kV Siliguri-Bongaigaon-I | Line | ER/NER | SO | 27-12-2015 08:57 | Insulator Replacement Work | 27-12-2015 17:56 | 8:59:00 | 0 | |
| 327 | 400 kV Siliguri-Bongaigaon-I | Line | ER/NER | SO | 28-12-2015 03:31 | Insulator Replacement Work | 28-12-2015 18:10 | 14:39:00 | 0 | |
| 328 | 400 kV Siliguri-Bongaigaon-I | Line | ER/NER | MO | 29-12-2015 13:16 | Opened manually due to High Voltage | 31-12-2015 17:30 | 52:14:00 | 0 | |
| 329 | 400 kV Sasaram-Sarnath | Line | ER/NR | SO | 13-12-2015 09:24 | Damaged Insulators | 13-12-2015 18:57 | 9:33:00 | 0 | |
| 330 | 400 kV Sasaram-Allahabad | Line | ER/NR | SO | 01-12-2015 11:08 | Rectification of damaged insulators strings | 01-12-2015 19:09 | 8:01:00 | 0 | |
| 331 | 400 kV Sasaram-Allahabad | Line | ER/NR | SO | 03-12-2015 09:00 | Rectification of damaged insulators strings | 03-12-2015 17:37 | 8:37:00 | 0 | |
| 332 | 400 kV Sasaram-Allahabad | Line | ER/NR | SO | 03-12-2015 09:00 | Rectification of damaged insulators strings | 03-12-2015 17:35 | 8:35:00 | 0 | |
| 333 | 400 kV Sasaram-Allahabad | Line | ER/NR | SO | 14-12-2015 09:49 | Replacement of damaged insulators | 14-12-2015 19:26 | 9:37:00 | 0 | |
| 334 | 400 kV Rourkela-Raigarh | Line | ER/WR | SC | 08-12-2015 11:24 | Stringing of 400 KV KWPC-L-Raigarh (PS)line | 09-12-2015 20:09 | 32:45:00 | 0 | |
| 335 | 400 kV Rourkela-Raigarh | Line | ER/WR | SO | 23-12-2015 08:39 | Insulator replacement in River crossing | 23-12-2015 18:21 | 9:42:00 | 0 | |
| 336 | 400 kV Rourkela-Raigarh | Line | ER/WR | SO | 24-12-2015 08:20 | Insulator replacement in River crossing | 24-12-2015 18:47 | 10:27:00 | 0 | |
| 337 | 400 kV Rourkela-Raigarh | Line | ER/WR | SO | 25-12-2015 09:32 | For replacement of porcelain insulators with polymer insulators | 25-12-2015 18:26 | 8:54:00 | 0 | |
| 338 | 400 kV Rourkela-Raigarh | Line | ER/WR | SO | 26-12-2015 08:24 | For replacement of porcelain insulators with polymer insulators | 26-12-2015 17:43 | 9:19:00 | 0 | |
| 339 | 400 kV Patna-Balia-IV | Line | ER/NR | SO | 11-12-2015 11:09 | Insulator Replacement | 11-12-2015 18:50 | 7:41:00 | 0 | |
| 340 | 400 kV Patna-Balia-III | Line | ER/NR | MO | 08-12-2015 23:33 | Opened manually due to High Voltage | 09-12-2015 23:38 | 24:05:00 | 0 | |
| 341 | 400 kV Patna-Balia-III | Line | ER/NR | SO | 10-12-2015 11:38 | Insulator Replacement | 10-12-2015 18:21 | 6:43:00 | 0 | |
| 342 | 400 kV Jharsuguda-Raigarh-I | Line | ER/WR | SC | 02-12-2015 08:47 | Stringing of 400 KV KWPC-L-Raigarh (PS)line | 03-12-2015 22:33 | 37:46:00 | 0 | |
| 343 | 400 kV Jeypore-Gazuwaka-II | Line | ER/SR | TL | 24-12-2015 13:46 | Tripped on Distance Protection | 24-12-2015 16:10 | 2:24:00 | 1 | |

| S. No. | Name of Transmission Element | Type of the element | Region Involved | Fault Type | Tripping Date and Time | Brief Reason/Relay Indication | Restoration Date and Time | Duration | Number of Cumulative tripping in the month | NLDC Remarks |
|--------------------|--------------------------------------|---------------------|-----------------|------------|------------------------|---|---------------------------|----------|--|--------------------|
| 344 | 400 kV Jeypore-Gazuwaka-II | Line | ER/SR | SO | 27-12-2015 16:07 | Reactor Isolation Work | 27-12-2015 17:24 | 1:17:00 | 1 | |
| 345 | 400 kV Jeypore-Gazuwaka-II | Line | ER/SR | SE | 27-12-2015 16:08 | HAND TRIPPED ON EMERGENCY AT GAZUWAKA END | 27-12-2015 17:24 | 1:16:00 | 1 | |
| 346 | 400 kV IBEUL-Raigarh-I | Line | ER/WR | SC | 08-12-2015 11:10 | Stringing of 400 KV KWPC-L-Raigarh (PS)line | 09-12-2015 20:05 | 32:55:00 | 0 | |
| 347 | 400 kV Biharshariff-Balia-II | Line | ER/NR | TL | 02-12-2015 03:14 | Tripped on Distance Protection | 02-12-2015 11:42 | 8:28:00 | 1 | No Record in NRLDC |
| 348 | 400 kV Biharshariff-Balia-II | Line | ER/NR | SO | 19-12-2015 07:58 | To change damaged insulator | 19-12-2015 10:32 | 2:34:00 | 1 | |
| 349 | 400 kV Biharshariff-Balia-II | Line | ER/NR | SO | 19-12-2015 07:59 | Line impedance testing work | 19-12-2015 18:38 | 10:39:00 | 1 | |
| 350 | 400 kV Biharshariff-Balia-II | Line | ER/NR | SO | 20-12-2015 08:18 | Damaged Insulator replacement | 20-12-2015 17:27 | 9:09:00 | 1 | |
| 351 | 400 kV Biharshariff-Balia-I | Line | ER/NR | SO | 17-12-2015 07:52 | Damaged Insulator replacement | 17-12-2015 18:33 | 10:41:00 | 0 | |
| 352 | 400 kV Biharshariff-Balia-I | Line | ER/NR | SO | 18-12-2015 07:48 | Replacement of damaged insulators | 18-12-2015 18:49 | 11:01:00 | 0 | No Record in NRLDC |
| 353 | 400 kV Biharshariff-Balia-I | Line | ER/NR | SO | 18-12-2015 07:48 | Replacement of damaged Insulators | 18-12-2015 18:49 | 11:01:00 | 0 | |
| 354 | 400 kV Biharshariff-Balia-I | Line | ER/NR | SO | 24-12-2015 14:29 | To take L/R into service at Balia | 24-12-2015 15:11 | 0:42:00 | 0 | |
| 355 | 400 kV Bhadrawati-Ramagundam-I | Line | WR/SR | SO | 22-12-2015 10:34 | A/R trial at Bhadrawati end | 22-12-2015 20:07 | 9:33:00 | 0 | |
| 356 | 400 kV Barh-Gorakhpur-II | Line | ER/NR | SO | 30-12-2015 09:10 | Insulator Replacement Work | 30-12-2015 18:33 | 9:23:00 | 0 | |
| 357 | 400 kV Barh-Gorakhpur-II | Line | ER/NR | SO | 31-12-2015 09:37 | Insulator Replacement Work | 31-12-2015 18:39 | 9:02:00 | 0 | |
| 358 | 400 kV Barh-Gorakhpur-I | Line | ER/NR | SO | 28-12-2015 11:36 | Insulator Replacement Work | 28-12-2015 19:06 | 7:30:00 | 0 | |
| 359 | 400 kV Barh-Gorakhpur-I | Line | ER/NR | SO | 29-12-2015 09:09 | Insulator Replacement Work | 29-12-2015 19:24 | 10:15:00 | 0 | |
| 220 kV - IR | | | | | | | | | | |
| 360 | 220 kV Talangde-Chikkodi | Line | WR/SR | TL | 19-12-2015 12:42 | Tripped on Distance Protection | 20-12-2015 19:29 | 30:47:00 | 1 | |
| 361 | 220 kV Mudasangi (Kolhapur)-Chikkodi | Line | WR/SR | TL | 19-12-2015 12:55 | Tripped on Distance Protection | 19-12-2015 18:18 | 5:23:00 | 1 | |
| 362 | 220 kV Mehgaon-Auraiya | Line | WR/NR | TL | 08-12-2015 05:20 | Tripped on Distance Protection | 08-12-2015 05:44 | 0:24:00 | 1 | |
| 363 | 220 kV Mehgaon-Auraiya | Line | WR/NR | SO | 11-12-2015 09:08 | Maintenance Work | 11-12-2015 17:30 | 8:22:00 | 1 | |
| 364 | 220 kV Malanpur-Auraiya | Line | WR/NR | SO | 10-12-2015 08:48 | Planned annual maintenance | 10-12-2015 18:08 | 9:20:00 | 0 | No Record in NRLDC |
| 365 | 220 kV Malanpur-Auraiya | Line | WR/NR | TL | 21-12-2015 19:23 | Tripped on Distance Protection | 21-12-2015 20:22 | 0:59:00 | 1 | |
| 366 | 220 kV Chukha - Birpara - II | Line | Bhutan | SO | 27-12-2015 12:24 | Construction of new bay & conductor replacement | 27-12-2015 18:00 | 5:36:00 | 0 | |
| 367 | 220 kV Chukha - Birpara - I | Line | Bhutan | SO | 26-12-2015 08:50 | Construction of new bay & conductor replacement | 27-12-2015 12:05 | 27:15:00 | 0 | |

| S. No. | Name of Transmission Element | Type of the element | Region Involved | Fault Type | Tripping Date and Time | Brief Reason/Relay Indication | Restoration Date and Time | Duration | Number of Cumulative tripping in the month | NLDC Remarks |
|--------|------------------------------|---------------------|-----------------|------------|------------------------|--------------------------------|---------------------------|----------|--|--------------------|
| 368 | 220 kV Birpara-Salakati-II | Line | ER/NER | TL | 14-12-2015 17:49 | Tripped on Distance Protection | 14-12-2015 18:32 | 0:43:00 | 1 | |
| 369 | 220 kV Birpara-Salakati-I | Line | ER/NER | TL | 14-12-2015 17:49 | Tripped on Distance Protection | 14-12-2015 18:32 | 0:43:00 | 1 | |
| 370 | 220 kV Badod-Modak | Line | WR/NR | SO | 16-12-2015 10:40 | Restranging work | 18-12-2015 12:57 | 50:17:00 | 0 | |
| 371 | 220 kV Badod-Kota | Line | WR/NR | SO | 14-12-2015 11:15 | Re-stringing work | 14-12-2015 18:38 | 7:23:00 | 0 | No Record in NRLDC |
| 372 | 220 kV Badod-Kota | Line | WR/NR | SO | 16-12-2015 10:20 | Restranging work | 17-12-2015 18:28 | 32:08:00 | 0 | |
| 373 | 220 kV Badod-Kota | Line | WR/NR | TL | 22-12-2015 04:34 | Tripped on Distance Protection | 23-12-2015 05:19 | 24:45:00 | 1 | No Record in NRLDC |

TL= Tripping due to Line Fault

TS= Tripping due to S/S Fault

MO= Opened due to system constraints

TV= Tripped on Overvoltage

SC= Planned Shutdown for construction activities

SO= Planned Shutdown for O&M activities

SE= Emergency Shutdown

TP= Protection Maloperation

ME= Miscellaneous outage

Total Number of 765 kV lines 86

Total Number of 400 kV lines 33

Total Number of 220 kV lines 15

Total Number of HVDC links 18

Total Number of 765 kV ICTs 107

Total Number of 765 kV B/R 56

Grand Total 315



POWER SYSTEM OPERATION CORPORATION LIMITED

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NATIONAL LOAD DESPATCH CENTRE – राष्ट्रीय भार प्रेषण केन्द्र

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