

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

साप्ताहिक रिपोर्ट (08-अप्रैल-2013 से 14-अप्रैल-2013 तक)
(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

रिपोर्टिंग तिथि:- 15-अप्रैल-2013

1. अधिकतम मांग आपूर्ति और अधिकतम कमी (मे०वा०)

| क्षेत्र / दिनांक | उत्तरी क्षेत्र | | पश्चिमी क्षेत्र | | दक्षिणी क्षेत्र | | पूर्वी क्षेत्र | | पूर्वोत्तर क्षेत्र | | कुल | |
|------------------|---------------------|------------|---------------------|------------|---------------------|------------|---------------------|------------|---------------------|------------|---------------------|------------|
| | अधिकतम मांग आपूर्ति | अधिकतम कमी | अधिकतम मांग आपूर्ति | अधिकतम कमी | अधिकतम मांग आपूर्ति | अधिकतम कमी | अधिकतम मांग आपूर्ति | अधिकतम कमी | अधिकतम मांग आपूर्ति | अधिकतम कमी | अधिकतम मांग आपूर्ति | अधिकतम कमी |
| | (मे०वा०) | (मे०वा०) | (मे०वा०) | (मे०वा०) | (मे०वा०) | (मे०वा०) | (मे०वा०) | (मे०वा०) | (मे०वा०) | (मे०वा०) | (मे०वा०) | (मे०वा०) |
| 08-अप्रैल-2013 | 32088 | 2329 | 38591 | 872 | 30599 | 6792 | 15297 | 611 | 1520 | 396 | 118095 | 11000 |
| 09-अप्रैल-2013 | 31665 | 4604 | 38095 | 979 | 31129 | 5629 | 15028 | 705 | 1516 | 405 | 117433 | 12322 |
| 10-अप्रैल-2013 | 30808 | 3831 | 38203 | 1016 | 31219 | 5418 | 14631 | 806 | 1550 | 427 | 116411 | 11498 |
| 11-अप्रैल-2013 | 31868 | 3365 | 38633 | 450 | 30220 | 5013 | 15012 | 393 | 1573 | 401 | 117306 | 9622 |
| 12-अप्रैल-2013 | 33923 | 4087 | 38796 | 648 | 31115 | 6172 | 14970 | 669 | 1539 | 412 | 120343 | 11988 |
| 13-अप्रैल-2013 | 31574 | 2125 | 37248 | 355 | 30500 | 6142 | 15137 | 1327 | 1520 | 504 | 115979 | 10453 |
| 14-अप्रैल-2013 | 31555 | 1740 | 36351 | 214 | 30337 | 3797 | 14426 | 681 | 1289 | 599 | 113958 | 7031 |

2. ऊर्जा आपूर्ति और पनबिजली उत्पादन (मि०यू०)

| क्षेत्र / तिथि | उत्तरी क्षेत्र | | पश्चिमी क्षेत्र | | दक्षिणी क्षेत्र | | पूर्वी क्षेत्र | | पूर्वोत्तर क्षेत्र | | कुल | |
|----------------|----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----------------|-----------------|--------------------|-----------------|---------------|-----------------|
| | ऊर्जा आपूर्ति | पनबिजली उत्पादन | ऊर्जा आपूर्ति | पनबिजली उत्पादन | ऊर्जा आपूर्ति | पनबिजली उत्पादन | ऊर्जा आपूर्ति | पनबिजली उत्पादन | ऊर्जा आपूर्ति | पनबिजली उत्पादन | ऊर्जा आपूर्ति | पनबिजली उत्पादन |
| | (मि०यू०) | (मि०यू०) | (मि०यू०) | (मि०यू०) | (मि०यू०) | (मि०यू०) | (मि०यू०) | (मि०यू०) | (मि०यू०) | (मि०यू०) | (मि०यू०) | (मि०यू०) |
| 08-अप्रैल-2013 | 692 | 136 | 876 | 45 | 715 | 71 | 314 | 41 | 27 | 4 | 2624 | 298 |
| 09-अप्रैल-2013 | 696 | 137 | 876 | 50 | 721 | 70 | 326 | 44 | 28 | 3 | 2647 | 303 |
| 10-अप्रैल-2013 | 669 | 126 | 883 | 47 | 717 | 79 | 325 | 52 | 27 | 3 | 2620 | 308 |
| 11-अप्रैल-2013 | 692 | 122 | 873 | 43 | 709 | 75 | 327 | 44 | 27 | 4 | 2628 | 289 |
| 12-अप्रैल-2013 | 699 | 123 | 881 | 49 | 715 | 69 | 320 | 39 | 28 | 4 | 2643 | 284 |
| 13-अप्रैल-2013 | 694 | 121 | 874 | 53 | 715 | 65 | 316 | 35 | 28 | 4 | 2626 | 278 |
| 14-अप्रैल-2013 | 684 | 124 | 830 | 31 | 717 | 49 | 285 | 35 | 26 | 3 | 2542 | 242 |

3. आवृत्ति (प्रतिशत समय में)

| तिथि | 49.7-49.8 | | <49.7 | | 49.7-50.2 | | >50.2 | | Average | | FVI | |
|----------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|------------|--------------|
| | न्यू ग्रिड | दक्षिण ग्रिड | न्यू ग्रिड | दक्षिण ग्रिड | न्यू ग्रिड | दक्षिण ग्रिड | न्यू ग्रिड | दक्षिण ग्रिड | न्यू ग्रिड | दक्षिण ग्रिड | न्यू ग्रिड | दक्षिण ग्रिड |
| 08-अप्रैल-2013 | 3.0 | 38.2 | 9.3 | 13.5 | 89.5 | 85.1 | 1.2 | 1.5 | 50.01 | 49.83 | 0.23 | 0.49 |
| 09-अप्रैल-2013 | 20.1 | 43.4 | 12.4 | 12.6 | 87.4 | 86.2 | 0.3 | 1.3 | 49.84 | 49.82 | 0.40 | 0.48 |
| 10-अप्रैल-2013 | 20.8 | 45.0 | 13.5 | 18.0 | 86.5 | 81.9 | 0.0 | 0.1 | 49.85 | 49.79 | 0.43 | 0.55 |
| 11-अप्रैल-2013 | 20.8 | 36.3 | 0.3 | 19.0 | 91.4 | 80.8 | 8.3 | 0.3 | 50.01 | 49.80 | 0.19 | 0.52 |
| 12-अप्रैल-2013 | 20.8 | 37.4 | 7.2 | 8.3 | 92.0 | 89.7 | 0.8 | 2.1 | 49.91 | 49.84 | 0.28 | 0.42 |
| 13-अप्रैल-2013 | 8.4 | 33.3 | 3.6 | 15.0 | 90.0 | 83.8 | 6.4 | 1.3 | 50.06 | 49.82 | 0.26 | 0.49 |
| 14-अप्रैल-2013 | 4.7 | 18.5 | 0.3 | 1.7 | 94.5 | 94.3 | 5.2 | 4.0 | 50.11 | 49.92 | 0.24 | 0.28 |

4. New Element Commissioned:- NIL

5). Major Grid Incidences

| S. No. | Outage | | Region | Name of Element | Owner / Agency | Event | Gen./Load Loss | Revival | | Category as per CEA Grid Standards |
|--------|----------|------------|--------|--|----------------|---|--------------------|----------|------------|------------------------------------|
| | Date | Time | | | | | | Date | Time | |
| 1 | 08.04.13 | 1358 hours | WR | 1. Khandwa-Dhule-1 2. Khandwa-Dhule-2 3. SSP-Dhule-2 4. Dhule ICT-1 & 2 | MSEB | During the shifting of 400/220 kV 315 MVA ICT 2 at Dhule S/s on Transfer Bus Coupler , due to human error earth switch was closed in spite of opening of line isolator. This led to fault feeding to the bus I and II as bus coupler was in service. | No Load Loss | 08.04.13 | 1318 | |
| 2 | 08.04.13 | 1147 hours | NR | Parichcha generation become zero from 900 MW. | UPPCL | Parichcha generation become zero from 900 MW. | Gen. Loss=900 MW | | | GD-I |
| 3 | 08.04.13 | 1842 hours | WR | 1. 132 kV Amarkantak-Anupur-II 2. Two units of Amarkantak (1X120 + 1X210)MW | MPSEB | 132 kV Amarkantak-Anupur-2 tripped due to CT Burst, due to above reason two units of Amarkantak (1X120+1X210 MW) tripped. | Gen. Loss=300 MW | 08.04.13 | | GD-I |
| 4 | 08.04.13 | 1540 hours | ER | 1. 400kV Jeerat – Subhasgram 2. 220 kV Kasba-Jeerat-I 3. 220 kV Kasba-Subhasgram(WB)-Subhasgram(PG) 4. 220 kV Kasba-Newtown | WB | At 15:40:27 Hrs 400kV Jeerat – Subhasgram tripped from both ends on R-Y Ph-Ph fault. At 15:43:00 Hrs Jeerat-Kasba I tripped on O/C and then at 15:44:20 Hrs the 220kV R phase CT jumper gave way at Jeerat end for 220kV Jeerat-Kasba Ckt II leading to a fault. CESC got itself isolated with the aforesaid fault with a shedding of load to the tune of 200MW. The above tripping caused power flow in other ckt to shoot up and also tripped resulting in no power at Kasba and Subhasgram s/s with loss of load of around 500MW for West Bengal System . | Load Loss = 500 MW | 08.04.13 | 1610 hours | GD-I |
| 5 | 09.04.13 | 1300 hours | NR | 1. 220 kV NAPS-Khurja-1 2. 220 kV NAPS-Khurja-2 3. 220 kV NAPS-Atraulli 4. 220 kV NAPS-Sambhal | UPPTCL | NAPS to Khurja-1, khurja-2, Atraulli & Sambhal tripped and finally generation tripped at 1332 hours. | Gen. Loss=324 MW | 09.04.13 | | GD-I |
| 6 | 10.04.13 | 1137 hours | ER | 1. 132 kV Purnea-Purnea-I 2. 132 kV Purnea-Purnea-II 3. 132 kV Purnea-Purnea-III 4. 132 kV Purnea-Kishanganj-S/C | PGCIL | At around 1137 hrs, 132 kV Purnea-Purnea-I, II & III & 132 kV Purnea-Kishanganj-S/C tripped also all the ckts from BSPHCL Purnea tripped due to fault in 132 kV Purnea-Naugachiya & Purnea-Khagariya. 132 kV Forbesgaunj-Kataiya-Duhabi also got interrupted. | Load Loss = 150 MW | 10.04.13 | 1229 hours | GD-I |
| 7 | 10.04.13 | 1309 hours | NR | 1. 220 kV Harduaganj-Khurja-D/C 2. 220 kV Harduaganj-Atraulli-S/C 3. 220 kV Harduaganj-Mainpuri-D/C | | Due to fault at Harduaganj substation, lines connected to Harduaganj got tripped. | Gen. Loss=40 MW | 10.04.13 | | GD-I |
| 8 | 11.04.13 | 0145 hours | NR | 1. Parichha Unit-1,2,3 & 4 | UPPCL | Due to blasting of CT of 220 kV Harduaganj-Mainpuri line at Mainpuri end causing outage of outgoing feeders at Parichha. | Gen. Loss=600 MW | 11.04.13 | 0500 hours | GD-I |
| 9 | 12.04.13 | 1456 | ER | Chandil complex become zero. | JSEB | Due to stormy weather condition power supply at Chandil Complex become zero | Load Loss = 120 MW | | | GD-I |

| | | | | | | | | | | |
|----|----------|------|---------------|---|------------------------------|--|--|----------|------------|------|
| 10 | 12.04.13 | 1814 | NER | 1. Umiam unit no. I,II,III | MeSEB | At 1814 Hrs umiam unit no. I,II & III tripped. | Gen. Loss = 60 MW Load Loss = 90 MW | | | GD-I |
| 11 | 13.04.13 | 0051 | WR | 1. 220 kV Satna - Satna(MP) -I & II | MP | At '0051 Hrs due to Y-phase CT blast of 220 kV Satna - Satna(MP) line at Satna(MP) end 220 kV Satna - Satna(MP) I & II tripped . | Load Loss = 100 MW (approx). | 13.04.13 | 0148 hours | GD-I |
| 12 | 13.04.13 | 1135 | ER | (i) 400 kV Maithon - Mejia - B -II 400 kV Maithon - Mejia -B -I 400 kV DSTPS - Jamshedpur DSTPS#2(500 MW) | (ii) (iii) (iv) DVC | At 1135 Hrs 400 kV Maithon-Mejia -B D/C line tripped on single phase to ground fault . Later on at 1150 Hrs 400 kV DSTPS - Jamshedpur line tripped on single phase to ground fault along with DSTPS#2 | Gen. Loss = 350 MW | 13.04.13 | 1204 hours | GD-I |
| 13 | 13.04.13 | 1948 | WR | (i) JPL#1(250 MW) (ii) JPL#2(250MW) (iii) JPL#3(250 MW) (iv) 400 kV Jindal -Raipur-I (v) 400 kV Jindal - Raipur -II (vi) 400 kV Sipat - Raipur -III (vii) 400 kV Korba- Raipur - II | JPL POWER GRID | At 1948 Hrs due to bad weather unit - 1,2&3 (250 MW each) of Jindal Power Limited , 400 kV Jindal - Raipur - I&II , 400 kV Sipat - Raipur -III and 400 kV Korba - Raipur - II tripped | Gen. Loss = 750 MW | | | GD-I |
| 14 | 13.04.13 | 2158 | ER | 1. 220 kV Budhipadar - Tarkera-I & II 2. All 220 kV lines emanating from Budhipadar 3. IB thermal unit #1&2 4. Sterlite#2 5. Burla#1 | GRIDCO | Due to heavy stormy weather 220 kV Budhipadar - Tarkera -II tripped and 220 kV Budhipadar - Tarkera -I tripped and subsequently all 220 kV lines emanating from Budhipadar tripped and IB thermal #1&2 , Sterlite #2 and Burla #1 tripped. | Gen. Loss = 868 MW Load Loss = 600 MW | 14.04.13 | 0057 hours | GD-I |
| 15 | 14.04.13 | 1550 | ER/ Bhutan | (i) 220 kV Chukha - Birpara - I (ii) 220 kV Chukha - Birpara - II (iii) 220 kV Chukha - Malbase (iv) Chukha unit# 1&2 | Chukha/B hutan | Due to stormy weather 220 kV Chukha - Birpara -I&II and 220 kV Chukha - Malbase tripped along with Chukha unit # 1&2 | Gen. Loss = 110 MW | 14.04.13 | 1742 hours | GD-I |

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राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली

साप्ताहिक रिपोर्ट (08-अप्रैल-2013 से 14-अप्रैल-2013 तक)
(आई० ई० जी० सी० की धारा संख्या-5.5.1 के अंतर्गत)

6. अंतर्क्षेत्रीय विनिमय

Import=(+ve) /Export =(-ve)
In Energy (MU)

| दिनांक | 08-अप्रैल-2013 | 09-अप्रैल-2013 | 10-अप्रैल-2013 | 11-अप्रैल-2013 | 12-अप्रैल-2013 | 13-अप्रैल-2013 | 14-अप्रैल-2013 |
|--------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
| ER-NR | -14.1 | -11.3 | -11.9 | -17.8 | -14.6 | -8.8 | -12.5 |
| ER-WR | -6.1 | -0.8 | -3.4 | -2.2 | -6.2 | -6.2 | -3.6 |
| ER-SR | -24.2 | -24.3 | -24.2 | -22.6 | -24.4 | -21.5 | -24.1 |
| ER-NER | -11.3 | -11.8 | -11.9 | -10.9 | -11.2 | -12.0 | -10.6 |
| WR-NR | -5.6 | -8.3 | -10.7 | -19.3 | -12.2 | -8.6 | -1.3 |
| WR-SR | -20.9 | -21.1 | -21.0 | -21.6 | -21.4 | -21.8 | -20.5 |

