

भारत सरकार
Government of India
विधुत मंत्रालय
Ministry of Power
केन्द्रीय विधुत प्राधिकरण
Central Electricity Authority
विधुत प्रणाली परियोजना प्रबोधन प्रभाग
Power System Project Monitoring Division
सेवा भवन, आर.के. पुरम, नई दिल्ली – 110066
Sewa Bhawan, R.K. Puram
New Delhi-110066
वेबसाइट / Website: www.cea.nic.in

Telefax 011- 26103242
Email: ceapspm@gmail.com



[ISO.: 9001-2008]

EA/PS/PSPM/7/1/2016/

Dated: 26.07.2016

s per list enclosed)

Minutes of the meeting taken by Chief Engineer(PSPM), CEA on 11.07.2016 at CEA, Sewa Bhawan to review the progress of Transmission Projects covered in the RFD Program of FY 2016-17.

Meeting was held on 11.07.2016 at CEA, Sewa Bhawan, New Delhi to review the progress of the Transmission Projects covered in the RFD Program of FY 2016-17. The minutes are uploaded at CEA's website (<http://www.cea.nic.in/pspm.html>) for your information and necessary action please.

is issues with the approval of Chief Engineer (PSPM).

As above

Yours sincerely,

26/07/16

(Irfan Ahmad)

Director (PSPM)

Minutes of the meeting taken by Chief Engineer (PSPM) held on 11.07.2016 to review the achievements in the first quarter (April-June 2016) against the RFD targets in respect of commissioning of transmission lines/substations in the country for the year 2016-17.

List of participants is attached as Annexure-I

Chief Engineer (PSPM), CEA welcomed all the participants and discussed the achievements against the RFD targets in respect of commissioning of transmission lines/substations in the first quarter for the year 2016-17. He emphasized each transmission utilities, which have not been able to achieve the targets satisfactorily to make all out efforts to achieve RFD targets for the year 2016-17.

The utility wise details of commissioning of transmission lines/substations of all transmission utilities are given below:

CENTRAL SECTOR:

1. PGCIL

Powergrid has commissioned 2325 Ckm of transmission lines (RFD+Non-RFD) against the RFD target of 4501 Ckm of first quarter of 2016-17 i.e 30.06.2016. Similarly, PGCIL have commissioned 6815 MVA of transformation Capacity (RFD+Non-RFD) during of first quarter of 2016-17 i.e 30.06.2016. RFD target for 2016-17 for transmission line and substation are 9440 Ckm and 21890 MVA respectively. Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission lines:

1. 765 KV S/C Kanpur-Jattikara (466 CKm)-Jun'16 (RFD)
2. 765 KV D/C Varanasi-Kanpur (652 CKm) – Jun'16 (RFD)
3. 400 KV D/C Jharkhand Pool (Chandwa)-Gaya (Quad) (234 CKm)-Jun'16 (RFD)
4. 400 KV D/C Kanpur (new) – Kanpur (Exit) (41 CKm)-Jun'16 (RFD)
5. 400 KV D/C Panchkula-Patiala (131 CKm)-Apr'16 (RFD)
6. 400 KV D/C Ranchi-Jharkhand Pool (Chandwa)(Quad) (138 CKm)-Jun'16 (RFD)
7. 400 KV D/C Lara STPS – Raigarh (36 CKm)-Apr'16 (RFD)
8. 765 KV S/C Gaya-Varanasi (inter-regional ER-NR) (273 CKm)-Apr'16 (NRFD)
9. 400 KV D/C Roorkee-Saharanpur (Quad) (Ckt-I) (37 CKm)-May'16 (NRFD)
10. LILO of 400 KV D/C Meerut-Kaithal at Baghpat (Quad) Ckt-II) (61 CKm)-May'16 (NRFD)
11. LILO of 400 KV S/C Kadapa (Cuddapah)–Kolar at N P Kunta PS (21 CKm)-Apr'16 (NRFD)
12. LILO of 400 KV D/C Pune-Aurangabad at Pune (58 CKm)-Apr'16 (NRFD)
13. 400 KV D/C Roorkee-Saharanpur (Quad) (Ckt-II) (37 CKm)-Jun'16 (NRFD)
14. LILO of 400 KV D/C Baripada-Mendhasal at Pandibil (112 CKm)-Jun'16 (NRFD)
15. LILO of 220 KV S/C Gladini-Heeranagar at Samba (PG) (28 CKm)-Jun'16 (NRFD)

Substation:

1. Jalandhar (Extn) 400/220 kV S/s 500 MVA - Jun'16 (RFD)
2. Balipara (ICT-II) 400/220 kV 315 MVA – May'16 (RFD)
3. Saharanpur 400/220 kV 630 MVA – Jun' (NRFD)
4. Pune GIS 765/400 kV 3000 MVA – Jun'16 (NRFD)
5. Baghpat (ICT-II) 400/220 kV 500 MVA – Jun'16 (NRFD)
6. Pandiabil (ICT-I & II) 400/220 1000 MVA – Jun'16 (NRFD)
7. Mandola (Aug) (ICT-III – replacement of 315 MVA by 500 MVA) 185 MVA – May'16 (NRFD)
8. Mandola (Aug) (ICT-II – replacement of 315 MVA by 500 MVA) 185 MVA – Apr'16 (NRFD)
9. N P Kunta PS (ICT-I) 400/220 500 MVA – Apr'16 (NRFD)

Transmission lines and substation under central sector (PGCIL) targeted in Quarter- 1 which could not be completed because of delay in receiving forest clearance, severe RoW issues and delay in acquisition of land for substation etc. are as below-

Transmission lines:

1. 765 KV D/C Raipur Pooling Station – Wardha line-II (714 CKM)
2. 765 KV D/C Tuticorn Pooling Station – Salem Pooling Station (739 CKM)
3. 400 KV D/C Betul – Khandwa (Quad) line (338 CKM)
4. 400 KV D/C Dahradun – Bagpat line (330 CKM)
5. 400 KV M/C Kishenpur – New Wanpoh line (278 CKM)
6. 400 KV D/C Mauda-II- Betul (Quad) line (386 CKM)
7. LILO of 400 kV D/C Lonikhand – Kalwa line at Navi Mumbai (16 CKM)
8. 400 kV D/C Roorkee-Saharanpur (Ckt-I) (37 CKm)

Substations:

1. +/- 800 kV HVDC station at Kurukshetra and Champa
2. 6x1500 MVA, 765/400 kV Champa pooling station
3. 2x315 MVA, 400/220 KV Substation at Dehradun
4. 2x1500 MVA, 765/400 KV Substation at Kanpur
5. 2x315 MVA, 400/220 KV GIS at Navi Mumbai
6. 2X500 MVA, 400/220 KV Substation at Kurukshetra
7. 630 MVA, 400/220 MVA Substation at Betul
8. 370 MVA, 400/220 KV Substation at Maithon (ICT replacement)

These transmission lines and substations are expected to be commissioned in balance period of FY- 2016-17.

2. DVC

DVC has commissioned NIL Ckm of transmission line till 30.06.2016 against the RFD target of 311 Ckm in 2016-17. DVC has no target set for adding transformation capacity in the year 2016-17.

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission line:

1. 400 kV D/C Raghunathpur TPS-Ranchi(PG) (311 CKM) –Sep'16.

Substation:

1. Nil

STATE SECTOR:

3. ASSAM (AEGCL)

AEGCL has not commissioned any line and no MVA transformation capacity added upto 30.06.2016 against RFD target for 2016-17 of 382 Ckm and 100 MVA transformation capacity respectively.

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Bongaigoan TPS-Rangia (Salakati) 220 kV D/C line (323 Ckm) - Mar'17.
2. LILO of one circuit of Samaguri - Sarusajai line 220 kV D/C line (55 Ckm) - Jan'17

Substation:

1. Nil

4. TRANSMISSION CORPORATION OF ANDHRA PRADESH (APTRANSCO)

APTRANSCO has commissioned 157 Ckm (non RFD) and 255 Ckm (RFD) of Transmission line up to 30.06.2016 against RFD target of 921 Ckm for transmission lines in

the year 2016-17. APTRANSCO has commissioned 160 MVA (non RFD) 0 (RFD) of transformation capacity up to 30.06.2016 against the RFD Target of 830 MVA for the year 2016-17.

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission lines:

1. Jammalamadugu – Uravakonda 400 kV D/C line (255 Ckm)- Jun'16 (RFD)
2. RTPP (Muddanur) – Chinakampally 220kv D/C 121ckm – Jun'16 (NRFD)
3. Uravakonda – 220kv Vajrakarur 220kV D/c (32ckm) – Jun'16 (NRFD)
4. NP Kunta PS – 400kV NP Kunta PGCIL 220kV D/C (4ckm) – Apr'16 (NRFD)

Sub-stations:

1. NP Kunta PS 220/33kV (160MVA) – Apr'16 (NRFD)

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Vizag TPP – kamavarapukota 400 kV D/C line (548 Ckm) - Dec'16
2. Jammalamadugu – Chakrayapet 220 kV D/C line (172 Ckm) - Nov'16.

Sub-stations:

1. Kamavarapukota 400/220 kV S/s(630 MVA) – Oct'16.
2. Porumamilla 220/132 kV S/s(200 MVA) – Sep'16

5. BIHAR (BSPTCL)

No representative from BSPTCL attended the meeting.

BSPTCL had no target for first quarter of 2016-17 however there is target of 16 ckm up to Sep'16 and 137 ckm up to Dec'16 i.e. total 153 ckm (RFD) target of transmission lines up to Mar'17. Similarly, BSPTCL has 100MVA (RFD) target up to Sep'16 of transformation capacity.i.e. total 100MVA (RFD) target up to Mar'17.

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Darbhanga-Dharbhanga 220kV D/C (16ckm) - Aug'16
2. Darbhanga-Samastipur (new) 220kV D/C (47 ckm) - Oct'16
3. Gaurichak-Bihta 220 kV D/C (86 CKm) – Oct'16
4. LILO of both circuits of 220 kV D/C Biharsharif-Begusarai at BTPS (4 CKm) – Dec'16

Substation:

1. Samastipur S/s 220/132kV 100MVA - Sep'16

6. CHHATTISGARH (CSPTCL)

No representative from CSPTCL attended the meeting.

CSPTCL has 155 ckm up to Jun'16, 658 ckm up to Sep'16 i.e. total 813 ckm (RFD) target of transmission lines up to Mar'17. Similarly, CSPTCL had 630MVA (RFD) target up to Jun'16 of transformation capacity.i.e. total 630MVA (RFD) target up Mar'17.

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Korba (E)-Vishrampur (2nd Ckt) 220kV D/C (155 CKm) - Sep'16
2. Raita-Jagdalpur 400KV D/C (658 CKm) - Dec'16

Substation:

1. Jagdalpur S/s 400/220kV 630MVA - Dec'16

7. DELHI TRANSCO LTD. (DTL)

DTL has commissioned 12 Ckm of transmission lines up to 30.06.2016 against the RFD target of 12 Ckm in 2016-17. Similarly, DTL has commissioned 640 MVA (Non-RFD) and 100 MVA (RFD) of transformation Capacity during the same period against the RFD target of 100 MVA in 2016-17.

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission line:

1. Bawana – Rohini –II 220 kV D/C line (12 Ckm) - Jun'16 (RFD)

Substation:

1. Pappankalan –I (replacement of 100MVA by 160MVA) 220/66 kV S/s 60 MVA - Apr'16 (NRFD)
2. Sarita Vihar (Addl.) 220/66 kV S/s 100 MVA - Apr'16 (NRFD)
3. DSIIDC Bawana (Addl.) 220/66 kV S/s 160 MVA - Apr'16 (NRFD)
4. Pappankalan(Addl.) 220/66 kV S/s 160 MVA - Apr'16 (NRFD)
5. Kanjhawala (Addl.) 220/66 kV S/s 160 MVA - Apr'16 (NRFD)

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Nil

Substation:

1. Lodhi Road (GIS) 220/33 kV S/s (100 MVA) - Dec'16.

8. GUJRAT (GETCO)

No representative from GETCO attended the meeting.

GETCO had 82 ckm target up to Jun'16 and it had commissioned 180 ckm (RFD+NRFD), 399 ckm up to Sep'16, 199ckm up to Dec'16 and 132ckm up to Mar'17 i.e. total 812 ckm (RFD) target of transmission lines up to Mar'17. Similarly, GETCO had 315MVA (RFD) target up to Jun'16 and 1500MVA up to Dec'16 of transformation capacity.i.e. total 1815 MVA (RFD) target up to Mar'17.

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission line:

1. LILO of 220 kV D/C Kasor-Botad at Dhuvaran CCPP (81 CKm) - Apr'16 (RFD)
2. LILO of 220 kV D/C Ranasan-Karamsad at Barejadi (15 CKm) – May'16 (NRFD)
3. LILO of both ckts of 220 kV D/C Jamanwada-Warsana at Bhachunda (83 CKm) – Jun'16 (NRFD)
4. Interconnection of one ckt of Jhanor-Nausari with one ckt of Okai-Kosamba 440 kV D/C (1 CKm) – Apr'16 (NRFD)

Substation:

1. NIL

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Charnaka-Veloda 400 kV D/C (199 CKm) – Dec'16
2. Visvadar-Amreli 220 kV D/C (132 CKm) – Mar'17
3. GPPC (Pipapav)-Dhakodwa 220 kV D/C (94 CKm) – Aug'16
4. LILO of 220 kV D/C Jamnagar-Jetpur at Sikka (120 CKm) – Sep'16
5. Visavadar-Tindi 220 kV D/C (185 CKm) – Jul'16

Substation:

1. Veloda 400/220kV S/s (1000 MVA) - Oct'16.
2. Kosamba 400/220kV S/s (500 MVA) – Dec'16
3. Kasor 400/220 kV S/s (315 MVA) – Sep'16

9. HARYANA (HVPNL)

HVPNL has commissioned 14 ckm of Transmission line (NRFD) and 200 MVA transformation capacity addition (RFD+Non-RFD) up to 30.06.2016 against RFD target of 175 ckm transmission line and 400MVA transformation capacity for 2016-17.

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission lines:

1. A5 – A4 Faridabad 1st ckt 220kV D/C (8ckm) – Jun'16 (NRFD)
2. LILO of 2nd ckt of Shahbad – Pehowa at Durala 220kV D/C (6ckm) – May'16 (NRFD)

Substations:

1. Sonta 220/66 kV S/s (100 MVA) – May'16 (RFD).
2. Kaul 220/132kV S/s (100MVA) – May'16 (NRFD).

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Deepalpur-Sonipat 220 kV D/C line (11km) - Sep'16.
2. LILO of Chormar - Fathebad line at Hukmawalii 220 kV D/C line (84 Ckm) - Sep'16
3. LILO of both Ckt of Cheeka - Durala at Sonta 220 kV D/C line (80 Ckm) - Sep'16

Sub-stations:

1. Hukmawali 220/132 kV S/s(200 MVA) - Sep' 16.
2. Sonta 220/66 kV S/s (100 MVA) – Sep' 16.

10. HIMACHAL PRADESH (HPPTCL)

No representative from HPPTCL attended the meeting.

HPPTCL had 5 ckm target up to Jun'16 and it had commissioned 39ckm (RFD+ NRFD) up to Jun'16. HPPTCL has 45 ckm target up to Dec'16. Similarly, HPPTCL has 63 MVA target of transformation capacity addition up to Dec'16 .i.e. total 63MVA (RFD) target up Mar'17.

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission lines:

1. Kasang-Bhabha (2nd Ckt) 220 kV D/C (39 CKm) – Apr'16 (NRFD)

Substations:

1. NIL

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Kairan-Chamera-II (PG) 220 kV D/C line (4km) - Sep'16.
2. LILO of 400 kV D/C Parbati-III – Parbati PS at Sainj (1 Ckm) - Sep'16
3. Charor-Banala 220 kV D/C (45 CKm) - Mar'17

Sub-stations:

1. Kairan 220/33 kV S/s(63 MVA) - Oct' 16.

11. JAMMU & KASHMIR PDD (JKPDD)

No representative from JKPDD attended the meeting.

JKPDD has 12 ckm transmission line target up to Dec'16 and 320 MVA transformation capacity target up to Mar'17.

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission lines:

1. NIL

Substations:

- 1.NIL

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. LILO of one ckt of 400 kV D/C Kishanpur-New Wanpoh at Baglihar HEP (12 CKm) - Dec'16

Sub-stations:

1. Alusteng 220/132 kV S/s (320 MVA) – Jan'17

12. JHARKHAND (JUSNL)

No representative from JUSNL attended the meeting.

JUSNL has 322 ckm transmission line target up to Sep'16. Similarly, JUSNL has 400 MVA transformation capacity addition target up to Dec'16

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission lines:

1. NIL

Substations:

- 1.NIL

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Latehar (JSEB)-PTPS 400 kV D/C line (220 CKm) - Aug'16.
2. PTPS-Bero (New Ranchi) 400 kV D/C (102 Ckm) - Aug'16

Sub-stations:

1. Govindpur 220/132/33 kV S/s (400 MVA) - Oct'16.

13. KARNATAKA POWER TRANSMISSION CORPORATION LTD.(KPTCL)

KPTCL has commissioned 0 Ckm (RFD+Non-RFD) up to 30.06.2016 against RFD target of 797Ckm transmission line for the year 2016-17. KPTCL has achieved 0 MVA of transformation capacity (RFD+Non-RFD) against 600 MVA as RFD Target for the year 2016-17.

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission lines:

1. NIL

Substations:

- 1.NIL

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Beerenhalli – Thallakthala (chitradurga) (balance portion) 220 kV D/C line (41 Ckm) - Sep'16
2. Bellari PS – New Madhugiri 400 kV D/C line (464 Ckm) - Dec'16.
3. Yeramarus TPS – Bellary Pooling Station 400 kV D/C line (284 Ckm) - Feb'17.
4. LILO of Somanahalli - Malur at Vikas Tech Park 220 kV D/C line (9 Ckm) - Sep'16

Sub-stations:

1. Vikas Tech Park (2x150) 220/66 kV S/s(300 MVA) – Mar'17
2. Gowribidanur (augmenation) 220/66 kV S/s (100 MVA) – Aug'16.
3. Kudligi (Badeladaku) 220/66 kV S/s(200 MVA) – Sep'16.

14. MADHYA PRADESH (MPPTCL)

As on 30.06.2016 MPPTCL has commissioned 67ckm (RFD) and 1ckm (non RFD) of transmission lines against the RFD target of 286 Ckm for the year 2016-17. Similarly, MPPTCL has commissioned 320 RFD and 160 Non-RFD MVA of transformation capacity against the target of 320 MVA in the same period.

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission lines:

1. LILO of one ckt of 220kv Bhopal Ashta line at Mugaliayachhap 220kV D/C (52ckm) – Jun'16 (RFD)
2. LILO of Pithampur – Indore at Pithampur –II 220kV D/C (15ckm) – Jun '16 (RFD)
3. LILO of 220kV Katni – Satna at Satna PGCIL 220kV D/C (1ckm) – Apr'16 (NRFD)

Substations:

1. Pithampur –II (augmentation) upgradation from 132kV S/s 132 kV S/s 220/132kV - (160 MVA) – Apr '16 (RFD)
2. Mugaliachhap 220/132 kV S/s- (160 MVA) (1st unit) – Jun'16 (RFD)
3. Shajapur (Addl.) (2nd Unit) 220/132kV (160MVA) – Apr'16 (NRFD)

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Satna – Chhatapur (ckt-II) 220kV S/C (160ckm) – Mar'17
2. Gwalior (Malanpur) – Murena 220 kV D/C line (59 Ckm) - Mar'17.

Substations:

1. Nil

15. MAHARASHTRA (MSETCL)

The state has commissioned 13ckm (RFD) and 22 ckm (non RFD) of transmission lines and 1500 (RFD) and 500 (non RFD) MVA of transformation capacity as on 30.06.2016. The total RFD target for the state is 957 Ckm and 3200 MVA of transmission lines and transformation capacity respectively for 2016-17.

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission line:

1. LILO of Kolhapur – Sawantwadi at Mudalitta (Bidri) 220 kV D/C line (2nd ckt) (13 Ckm) – commissioned in June'16 (NRFD)
2. 400kV Aurangabad – 765 Aurangabad –II (Thaptitanda) – 765 Aurangabad –III (Ektuni) 400kV D/C (10ckm) – May'16 (NRFD)
3. Tap on Babhleshwar – Chalisgaon for Kopargaon S/s (ckt –II) 220kV D/C (11ckm) - May'16 (NRFD)
4. LILO of 220kV Kandalgaon – Topworth for M/s Pioneer gas Powwer Ltd. 220kV D/C (1ckm) – Jun'16 (NRFD)

Substation:

1. Aurangabad - III 765/400 kV S/s- (1500 MVA) – May'16.

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. LILO of Kolhapur – Sholapur at Elkud 400 kV D/C line (25 Ckm) - Nov'16.
2. LILO of Bhusawal - Aurangabad at Aurangabad (2nd Ckt) 400 kV D/C line (170 Ckm) - Feb'17.
3. Koradi II – Koradi-III 400 kV D/C line (76 Ckm) - Mar'17.
4. Eklahare - Pimpalgaon 220 kV D/C line (87 Ckm) - Jul'16.
5. LILO of Bhugaon - Pusad at Wardha (PG) 220 kV D/C line (15 Ckm) - Oct'16.
6. Malegaon – Kalwan 220 kV D/C line (97 Ckm) - Aug'16.
7. Warora – Wardha 220 kV D/C line (165 Ckm) - Aug'16.
8. Chandrapur II – Ballarshah 220 kV D/C line (40 Ckm) - Nov'16.
9. Chandrapur II – Tadali (MIDC) 220 kV D/C line (81 Ckm)- Oct'16.
10. Kalwa – Borivali 220 kV M/C line (63 Ckm) - Sep'16
11. LILO of Bhugaon – Warora -I at Warora 220 kV D/C line (21 Ckm) - Oct'16.
12. Phaltan – Walchandnagar 220 kV D/C line (104 Ckm) - Sep'16.

Sub-stations:

1. Chandrapur-II 400/220kV S/s (1000 MVA) - Oct'16
2. Alkud 400/220 kV S/s (500 MVA) - Jan'17.

3. Malegaon -II 220/132 kV S/s- (100 MVA) - Jan'17.
4. Lonideokar 220/33 kV S/s- (100 MVA) - Dec'16.

16. **MEGHALAYA (MeECL)**

No representative from MeECL attended the meeting.

MeECL has no transmission line target in 2016-17. MeECL has 630MVA transformation capacity addition target up to Jun'16 However, MeECL could not commission any transformation capacity up to Jun'16.

Transmission works commissioned in first quarter of 2016-17 is as under:

Substations:

1. NIL

Transmission works (under RFD) expected to be commissioned during 2016-17:

Sub-station:

2. Killing 400/220 kV S/s (630 MVA) - Sep'16.

17. **ODISHA (OPTCL)**

OPTCL has not commissioned any line and no MVA transformation capacity added upto 30.06.2016 against RFD target for 2016-17 of 43 Ckm and 480 MVA transformation capacity respectively.

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. LILO of Rengali Tarkera at Bonai 220 kV D/C line (6 Ckm) - Sep'16.
2. Jaynagar (OPTCL)-Jainagar(PGCIL) 220KV D/C (17ckm) - Dec'16.
3. Bidanasi – Cuttack 220KV D/C (20ckm) - Sep'16.

Substations:

1. Atri (Karadagadia) ICT-II 220/132 kV S/s (160 MVA) - Oct'16.
2. Balasur ICT-III 220/132 kV S/s (160 MVA) - Dec'16.
3. Puri (Samangara) 220/132 kV S/s (160 MVA) - Sep'16.

18. **PUNJAB (PSTCL)**

PSTCL has commissioned 139 Ckm of transmission lines (RFD) and 90ckm (Non-RFD) up to 30.06.2016 against the RFD target of 646 Ckm for 2016-17 and has commissioned 660 MVA of transformation capacity (RFD) and 360 MVA (Non-RFD) up to 30.06.2016 against the target of 660 MVA in the year 2016-17.

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission lines:

1. Kanjali science city- Jalandhar 220 kV D/C line (30 Ckm) – Jun'16 (RFD)
2. Rajpura – Lalru 220 kV D/C line (59 Ckm) - Jun'16 (RFD)
3. LILO of Malout - GNDTP Bhatinda line at Badal 220 kV D/C line (50 Ckm) - Jun'16 (RFD)
4. LILO of 220kv Firozpur – Talwandi Bhai at 220kv Sadiq (48ckm) - May'16 (NRFD)
5. LILO of both ckt of GGSSTP – Jamsher 220kV D/C at Jadla (21ckm) – Jun'16 (NRFD)
6. LILO of one ckt of Ganguwal – Mohali 220kV D/C at Majra (21ckm) – Jun'16 (NRFD)

Substations:

1. Rajpura 400/220 kV S/s (1X500 MVA) – Jun'16 (RFD)
2. Jadla 220/132 kV (160 MVA) – Jun'16(RFD)
3. Sarna Addl. 220/132kV (100MVA) – Apr'16 (NRFD)
4. Majra 220/66kV (160MVA) – Jun'16 (NRFD)
5. Badal new 220/66kV (100MVA) – Jun'16 (NRFD)

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Bajakhana - Bagha Purana 220 kV D/C line (71 Ckm) - Sep'16.

2. Goindwal Sahib – Bottianwala 220 kV D/C line (80 Ckm) - Jan'17
3. Moga - Mehal Kalan 220 kV D/C line (105 Ckm) - Feb'17.
4. Ludhiana – duraha 220 kV D/C line (28 Ckm) - Sep'16
5. Nakodar - Rehana jattan 220 kV D/C line (71 Ckm) - Sep'16
6. Makhu – Rashiana 220 kV D/C line (92 Ckm) - Aug'16.
7. Makhu – Algom 220 kV D/C line (60 Ckm) - Mar'17

Substations:

1. Rajpura 400/220 kV S/s (1X500 MVA) – Sep'16.

19. UTTARAKHAND (PTCUL)

No representative from PTCUL attended the meeting.

PTCUL has no transmission line target in Q1 and Q2. PTCUL has 28 ckm transmission line target in Q3. PTCUL has 630 MVA transformation capacity addition in Q1. PTCUL has not commissioned any transformation capacity addition so far.

Transmission works (under RFD) expected to be commissioned during 2016-17:

Substation:

1. Srinagar 400/220kV S/s (630 MVA) - Sep'16.

20. RAJASTHAN (RVPNL)

RVPNL has commissioned 221 ckm of transmission lines (RFD) and 205 ckm Non-RFD up to 30.06.2016 against RFD target of 1240 ckm for transmission lines for 2016-17 and has commissioned 160 MVA (RFD) of transformation capacity and 160MVA (Non-RFD) up to 30.06.2016 against target of 2015 MVA transformation capacity for 2016-17.

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission lines:

1. Badisid –Aau 220 kV D/C 118 ckm – April'16 (RFD)
2. LILO of Kota - Bhilwara at Mandalgarh 400 kV D/C 40 ckm - Apr'16(RFD)
3. Bhadla – Kanasar 400 kV D/C 63 ckm - Jun'16(RFD)
4. LILO of Chhabra TPS – Anta line at super critical Chhabra TPS 400kV D/C, 3ckm - Apr'16(NRFD)
5. LILO of one ckt of 400kV D/C Raj West – Jodhpur at 400kv GSS at Jodhpur (new), 102 ckm – Apr'16(NRFD)
6. LILO of Jodhpur GSS - Jodhpur at Barli 220kV D/C (1ckm) – Apr'16 (NRFD)
7. LILO of Jodhpur – Merta line at Jodhpur new 400kV D/C 99 ckm - Jun'16 (NRFD)

Substation:

1. Bansur S/S 160MVA 220/132 kV S/s – Apr'16 (RFD)
2. Kanasar 220/132 kV S/s (160 MVA)- Jun' 16 (NRFD)

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Bhilwara - Ajmer 400 kV D/C 320 ckm - Dec'16.
2. Bhadla-Bikaner 400 kV D/C 379 ckm - Aug'16.
3. Chittorgarh – Sawa 400 kV D/C 53 ckm - Sep'16.
4. Chittorgarh-Bhilwara 400 kV D/C 99 ckm - Dec'16.
5. Jaipur North (400 kV GSS) – Manoharpur 220 kV D/C 62 ckm - Sep'16.
6. Phagi GSS (Jaipur) – Heerpura 400 kV D/C 86 ckm - Sep'16.
7. LILO of Ramagarh - Dechu at Amarsagar 220 kV D/C 33 ckm - Dec'16.

Substations:

2. Chhittorgarh ICT-II 400/220kV S/s (315 MVA) - Aug'16.
3. Bhadla 400/220kV S/s (3X 500 MVA) - Mar'17.
4. Mandelgarh 220/132 kV S/s(100 MVA) - Aug'16.

21. TAMILNADU (TANTRANSCO)

TANTRANSCO has commissioned 61ckm (Non-RFD),548 Ckm (RFD) and 300 MVA (Non-RFD) and Nil MVA (RFD) up to 30.06.2016 against RFD target of 1537 Ckm of transmission lines and 2045 MVA of transformation capacity for 2016-17.

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission lines:

1. Thappakundu – Ainakadavu 400 kV D/C line (358 Ckm) - Jun'16 (RFD)
2. Ainakadavu – Rasipalyam 400 kV D/C line (78 Ckm) – (line completed and will be commissioned with the energisation of associated substation- Ready for commissioning June 2016 (RFD)
3. LILO of Deviakurichi – Pudhansanthai at 230kV Valayapatty 220kV D/C (52ckm) – Ready for commissioning June 2016(RFD)
4. LILO of 220kV D/C Gummidipoondi – M/s Micheline Tyres lines at Thervoykandigai S/s (2 ckm) Apr'16 (NRFD).
5. LILO of 230kV D/C SP Koli – Thiruvalam line at 230kV Kanchipuram S/s (1ckm) – Jun'16 (NRFD).
6. LILO of 230 kV D/C Sunguvarchatram – Arni line at 230kV Kanchipuram S/s (16ckm) – Jun'16 (NRFD)
7. LILO of 230kV Kalpakkam – Arani line at 230kV Purisai S/s (24 ckm) Jun'16 (NRFD).
8. LILO of 230kV D/C Siruseri – Taramani (Kids park) line at 400kV Ottiyambakkam S/s (5ckm) Jun'16 (NRFD).
9. LILO of 230kV Tutikorin – Sipcot Checkanurani at 230kV Savasapuram S/s (13 ckm) Jun'16 (NRFD).

Substations:

1. Singapuram S/S (ICT-I) 230/110 (100MVA) – May'16 (NRFD).
2. Gurubarapally S/s (2nd Auto Tr.) 230/110 (100MVA) – May'16 (NRFD).
3. KITS Park (3rd Auto Tr.) 230/110 (100MVA) – Apr'16 (NRFD).

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Rasipallyam - Dharmapuri (Palawadi)400kV D/C (390ckm) – Dec'16
2. Kalivanthapattu – Sholinganallur 400 kV S/C line (52 Ckm) - Oct'16.
3. Tirunelveli – Kanarpatty 400 kV D/C line (16 Ckm) - Sep'16.
4. Kanarpatty – Kayathar 400 kV D/C line (24 Ckm) - Sep'16.
5. Ottiyambakkam – Omega 220 kV D/C line (70 Ckm) - Dec'16.
6. Karaikudi – Sembatty 220 kV S/C line (137 Ckm) - Sep'16.
7. LILO of Paramathi – Alandar at Valapatty 220 kV D/C line (60 Ckm) - Dec'16.
8. Muthuramalingapuram – kavanoor (Kammudhi) 220 kV D/C line (130 Ckm) - Oct'16.

Sub-stations:

1. Kanarpatty 400/230 kV S/s(700 MVA) – Oct'16.
2. Rasipallyam 400/230 kV S/s(630 MVA) – Sep'16.
3. Dharmapuri 400/230 kV S/s(515MVA) – Sep'16.
4. Poiyur 230/110 kV S/s(100 MVA) – Feb'17.
5. Muthuramalingapuram 400/230 kV S/s(100 MVA) – Aug'16.

22. TELANGANA (TSTRANSCO)

TSTRANSCO has commissioned 124 ckm (NRFD) 0 Ckm (RFD) up to 30.06.2016 against RFD of 706 Ckm of transmission lines for the year 2016-17 and has commissioned 100 MVA (non RFD) and 0 MVA (RFD) against RFD target of 1360 MVA of transformation capacity for 2016-17.

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission line:

1. 220kV Parigi – 400kv Shankarapally (90ckm) – Apr'16 (NRFD)
2. Ramagundam – Mandamarri (Bellampally) 2nd ckt 220kV D/C (34ckm) – Apr'16 (NRFD)

Substation:

1. Parigi S/s 220/132kV (ICT-I) (100MVA) – Apr'16 (NRFD)

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Chinnakorukondi – Suryapet 400 kV D/C line (170 Ckm) - Jul'16.
2. Pulichintla – Huzurnagar 220 kV D/C line (74 Ckm) - Sep'16.
3. Suryapet – Shankarpally 400 kV D/C line (462 Ckm) - Aug'16.

Sub-stations:

1. Asupaka 400/220 kV S/s (630 MVA) – July'16.
2. Narsapur 400/220 kV S/s (630 MVA) – Dec'16.
3. Hayathnagar – 220/33kV (2X50 MVA) – Aug'16.

23. UTTAR PRADESH (UPPTCL)

No representative from UPPTCL attended the meeting.

UPPTCL had 48ckm target up to Jun'16 and it has commissioned 145 ckm (NRFD) up to Jun'16. UPPTCL has 838 ckm target up to Sep'16 and 69 ckm target up to Dec'16. Similarly, UPPTCL had 200 MVA target of transformation capacity addition up to Jun'16 and it has commissioned 940 MVA (RFD+NRFD) up to Jun'16. Similarly, UPPTCL has 630 MVA target up to Sep'16, 160MVA up to Dec'16 and 160 MVA target up to Mar'17.

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission lines:

1. Shahpuri – Bhelapur 220 kV D/C (29CKm- May'16)-(NRFD)
2. Baghpat – Baghpat (PG) 220 kV S/C (15CKm)– May'16-(NRFD)
3. Bhabraich – 400kV Gonda line (One Ckt) 220kV D/C (74CKm) (NRFD) – Jun'16
4. 400kV Gonda – 220kV Gonda Interconnector (One Ckt)– Jun'16 - (NRFD)
5. LILO of Harduaganj – Mainpuri S/C line at Sikandra Rau 220Kv D/C (3Ckm) – Jun'16-(NRFD)

Substations:

1. Baghpat 220/132 S/s (200 MVA) – May'16 (RFD)
2. Moradabad (Aug – replacement of 100 MVA by 160 MVA) 220/132 Kv (60 MVA) – May'16 (NRFD)
3. Sikandra Rau 220/132 Kv (160 MVA) – Jun'16
4. Mahoba 220/132 Kv (100 MVA) –Jun'16- (NRFD)
5. Bahraich 220/132 Kv (200 MVA) – Jun'16 (NRFD)
6. Nighasan (New) 220/132 Kv (200 mva) – May'16 (NRFD)
7. Bhelapur 220/132 Kv (60 MVA) – May'16-(NRFD)
8. Azamgarh (Aug – replacement of 100 MVA by 160 MVA) 220/132 Kv (60 MVA) – May'16 (NRFD)

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Aligarh – Atrauli 220 Kv D/C (69 CKm) – Nov'16
2. Anpara D – Unnao 765 Kv S/C (416 CKm) – Aug'16
3. Greater Noida-Noida (Q) 400 Kv D/C (88 CKm) – Jul'16
4. Lalitpur TPS – Agra (UP) (Ckt-II) 765 Kv S/C (334 CKm) – Jul'16
5. Dohna – C.B. Ganj 220 Kv S/C (48 CKm) – Sep'16

Sub-stations:

1. Noida Sec-148 220/132 kV (160 MVA) - Sep'16
2. Morti 220/132Kv (160 MVA) – Dec'16
3. Orai 400/220 Kv (630 mva) – Aug'16

24. WEST BENGAL (WBSETCL)

WBSETCL has commissioned 107 Ckm of transmission lines up to 30.06.2016 against the RFD target of 217 Ckm in 2016-17. Similarly, WBSETCL has commissioned 640 MVA (RFD+ Non-RFD) of transformation Capacity during the same period against the RFD target of 950 MVA in 2016-17.

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission line:

1. Kharagpur - Egra 220KV, D/C 107ckm - May' 2016 (RFD)

Substation

1. Vidyasagar Park S/S 220/132 KV 2X160 MVA - Jun' 2016 (RFD)
2. Egra S/S 220/123 KV 2X160 MVA - May' 2016(NRFD)

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

3. Teesta LDP-III-Teesta LDP-IV 220kV S/C 21ckm - Dec'16
4. Sagardighi- Gokarna 400KV D/C 89 ckm - Sep'16

Substation:

2. Gokarna S/S 400/220kV 630MVA - Nov'16

PRIVATE SECTOR:

25. SEUPPTCL

No representative from SEUPPTCL attended the meeting.

SEUPPTCL has 375 ckm transmission line commissioning target up to Sep'16 and 2000 MVA transformation capacity addition target up to Sep'16.

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission lines:

1. NIL

Substations:

- 1.NIL

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Bara-Mainpuri (Ckt-II) 765 kV S/C (375 CKm)) – Sep'16

Substations:

1. Mainpuri 765/400 (2000 MVA) – Sep'16

26. WUPPTCL

No representative from WUPPTCL attended the meeting.

WUPPTCL had 180 ckm transmission line commissioning target up to Jun'16, however it has commissioned 45 ckm (NRFD) transmission line up to Jun'16. Similarly, WUPPTCL had 2000MVA transformation capacity addition up to Jun'16 and it has commissioned 2500MVA (RFD+NRFD) up to Jun'16.

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission line:

1. Greater Noida-Secundrabad 400KV D/C (34 CKm) - Apr'16 (NRFD)
2. LILO of 765 kV 2 x S/C Agra Meerut at Greater Noida (11 CKm) – Apr'16(NRFD)

Substation

1. Sikandrabad AIS (ICT-I) 400/220 kV (500 MVA) – Jun'16 (RFD)
2. Sikandrabad AIS (ICT-II) 400/220 kV (500 MVA) – Apr'16 (RFD)
3. Greater Noida AIS (ICT-2) 765/400 Kv (1500 MVA) – Apr'16-(NRFD)

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Mainpuri-Greater Noida 765 kV S/C (180 CKm) – Sep'16

Substations:

1. Indrapuram GIS 400/220 kV (1000 MVA) - Jun'16
1.)-May'16 (NRFD)

27. KUDGI Tr. Co. Ltd. (L&T IDPL)

M/s KTL had 944 ckm transmission line commissioning target up to Jun'16 and it has achieved the target. The details commissioned lines are under:

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission lines:

1. NIL

Substations:

- 1.NIL

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Narendra new – Madhugiri 765 kV D/C (758ckm) – Sep'16
2. Madhugiri – Bidadi 400 kV D/C line (186 Ckm) - Sep'16

Substations:

1. Nil

28. NRSSXXXI(B) (Essel Infra Private Ltd.)

M/s NRSSXXXI has 576 ckm transmission line target up Sep'16. The details are as under:

Transmission works commissioned in first quarter of 2016-17 is as under:

Transmission lines: NIL

Substations: NIL

Transmission works (under RFD) expected to be commissioned during 2016-17:

Transmission lines:

1. Kurukshetra – Malerkotla 400kV D/C (278ckm) – Sep'16
2. Malerkotla - Amritsar 400kV D/C (298ckm) – Sep'16

Substations: Nil

The meeting ended with vote of thanks to the chair.

List of Participants

Central Electricity Authority (CEA)

- | | |
|-------------------------|--------------------------------|
| 1. Shri B. K. Arya | Chief Engineer (PSPM) In chair |
| 2. Shri Irfan Ahmad | Director (PSPM) |
| 3. Shri R. K. Tiwari | Deputy Director(PSPM) |
| 4. Shri Farooque Iqbal | Deputy Director(PSPM) |
| 5. Shri Narsi Ram Meena | Deputy Director(PSPM) |
| 6. Shri Rajesh | Assistant Director(PSPM) |
| 7. Shri Ravi Kant | Assistant Director(PSPM) |

PGCIL

- | | |
|--------------------|------------|
| 1. Shri P. R. Pati | AGM(CMG) |
| 2. A. K. Vaish | Consultant |

DVC

- | | |
|-------------------------|-------------|
| 1. Shri Pranab Talukdar | DCE (C) SPE |
| 2. Shri S. Mitra | SE(SPE) |

APTRANSCO

- | | |
|---------------------|-------------|
| 1. Shri J. Devanand | CE (Const.) |
|---------------------|-------------|

MSETCL

- | | |
|-----------------------|----------|
| 1. Shri R. L. Gaikwad | CE (DCM) |
|-----------------------|----------|

WBSETCL

- | | |
|---------------------|-----------|
| 1. Shri A. Karmakar | ACE (CPD) |
|---------------------|-----------|

RVPNL

- | | |
|---------------------|-----------|
| 1. Shri D. D. Verma | ZCE (T&C) |
|---------------------|-----------|

PSTCL

- | | |
|--------------------|----------------------|
| 1. Shri S. L. Garg | Dy.CE (Plg & Const.) |
| 2. G. S. Phull | Sr. XEN (Plg) |

OPTCL

- | | |
|---------------------------|-------------|
| 1. Shri Radha Raman Panda | CGM(Const.) |
|---------------------------|-------------|

AEGCL

- | | |
|---------------------------|--------------------------|
| 1. Shri S. K. Ghose | DGM |
| 2. Shri R. M. Chakraborty | Nodal Officer (Planning) |

DTL

- | | |
|------------------------|--------------------|
| 1. Shri Devender Singh | DGM |
| 2. Shri Roop Singh | DGM (Planning) |
| 3. Shri S. P. Rontrg | Manager (Planning) |
| 4. Shri P. K. Taynl | Manager (Planning) |

MPPTCL

- | | |
|----------------------|------------------------|
| 1. Shri Anand Tiwari | SE (Planning & Design) |
|----------------------|------------------------|

TANTRANSCO

- | | |
|-----------------|-------------------|
| 1. Smt. R. Usha | SE (Transmission) |
|-----------------|-------------------|

TSTRANSCO

1. Shri J. Uma Rani SE(Const.)

HVPNL

1. Shri Atul Agarwal XEN (NCR Planning)

KPTCL

1. Shri Deepak T. C. Resident Engineer

Essel Infra (NRSSXXI(B))

1. Shri Neeraj Verma Manager
2. Shri Chandan Kalra Dy. Manager

L&T IDPL

1. Shri Sourabh Singh Dy. Manager