



सत्यमेव जयते

भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

उत्तर क्षेत्रीय विद्युत समिति

Northern Regional Power Committee

सं. उक्षेविस/ वाणिज्यिक/ 209/ आर पी सी (63वीं)/2023/ 1831-1878

दिनांक: 21.02.2023

सेवा में / To,

उ.क्षे.वि.स. के सभी सदस्य (संलग्न सूचीनुसार)

Members of NRPC (As per List)

विषय: उत्तर क्षेत्रीय विद्युत समिति की 63^{वीं} बैठक की कार्यसूची ।

Subject: Agenda for 63rd meeting of Northern Regional Power Committee-reg

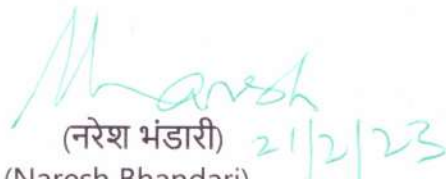
महोदय / Sir,

उत्तर क्षेत्रीय विद्युत समिति की 63^{वीं} बैठक दिनांक **24 फ़रवरी, 2023** को **1100** बजे विडियो कोंफ्रेंसिंग के माध्यम से आयोजित की जाएगी । बैठक की कार्यसूची संलग्न है। बैठक का लिंक एंव पासवर्ड नियत समय पर ईमेल द्वारा उपलब्ध करा दिया जायेगा ।

The 63rd meeting of Northern Regional Power Committee (NRPC) will be held at **1100 Hrs on 24th February, 2023** via video conferencing. Agenda for the same is attached. The link and password for joining the meeting shall be sent in due course of time to the respective email-IDs.

भवदीय

Yours faithfully,


(नरेश भंडारी) 21/2/23
(Naresh Bhandari)
सदस्य सचिव
Member Secretary

List of NRPC Members

1. Chairperson, NRPC & CMD, Delhi Transco Limited (DTL), Shakti Sadan, Kotla Marg, New Delhi-110002
2. MD, PTCUL, Dehradun-248001, (Fax- 0135-2764496)
3. MD, UPPTCL, Lucknow-226001, (Fax-0522-2287792)
4. CMD, RRVPNL, Jaipur-302005, (Fax -01412740168)
5. Member (GO&D), CEA, New Delhi, (Fax-011-26108834)
6. CMD, PSTCL, Patiala-147001, (Fax-0175-2307779)
7. Commissioner/Secretary, PDD, J&K, Jammu, (Fax-0191- 2545447/ 01942452352)
8. Managing Director, HVPN Ltd, Panchkula -134109 (Fax-0172-2560640)
9. Chairman, BBMB, Chandigarh-160019, (Fax-0172-2549857/2652820)
10. Chief Engineer, UT of Chandigarh, Chandigarh-160066, (Fax-0172-2637880)
11. Managing Director, DTL, New Delhi-110002, (Fax-011-23234640)
12. General Manager, SLDC, DTL, New Delhi-110002, (Fax-011-23221069)
13. Managing Director, IPGCL, New Delhi-110002, (Fax-011-23275039)
14. Chief Engineer (SO&C), SLDC, HVPNL, Panipat, (Fax-0172-2560622/2585266)
15. Managing Director, HPGCL, Panchkula-134109, (Fax-0172-5022400)
16. Representative of DHBVNL (Haryana Discom)
17. Managing Director, HPSEB Ltd, Shimla -171004 (Fax-0177-2658984)
18. Managing Director, HPPTC Ltd, Himfed Bhawan, Shimla-171005, (Fax-0177-2832384)
19. Managing Director, HPSLDC, HP State Load Despatch Authority, Totu, Shimla, (Fax-0177-2837649)
20. Managing Director, J&K State Power Dev. Corp., Srinagar, J&K, (Fax-0194-2500145)
21. Chairman and Managing Director, PSPCL, Patiala-147001, (Fax-0175-2213199)
22. Chief Engineer (LD), SLDC, Heerapur, Jaipur-302024, (Fax-0141-2740920)
23. CMD, RRVUNL, Jaipur-302005, (Fax-0141-2740633)
24. Representative of JVVNL (Rajasthan Discom)
25. Managing Director, SLDC, UPPTCL, Lucknow-226001, (Fax-0522-2287792)
26. Managing Director, UPRVUNL, Lucknow-226001, (Fax-0522-2288410)
27. Representative of MVVNL (UP Discom)
28. Managing Director, SLDC, PTCUL, Rishikesh, (Fax-0135-2451160)
29. Managing Director, UJVNL, Dehradun-248001, (Fax-0135-2763507)
30. Managing Director, UPCL, Dehradun-248001, (Fax-0135-2768867/2768895)
31. Director (Technical), NHPC, Faridabad-121003, (Fax-0129-2258025)
32. Director (Finance), NPCIL, Mumbai-400094, (Fax-022-25563350)
33. Director (Commercial), NTPC, New Delhi-110003, (Fax-011-24368417)
34. Representative of CTUIL, Gurgaon-122001
35. CMD, SJVNL, New Delhi, (Fax-011-41659218/0177-2660011)
36. Director (Technical), THDC, Rishikesh-249201, (Fax-0135-2431519)
37. Director (Commercial), POSOCO, New Delhi-110016, (Fax-011-26560190)
38. ED, NRLDC, New Delhi-110016, (Fax-011-26853082)
39. CEO, Aravali Power Company Pvt. Ltd., NOIDA, (Fax-0120-2591936)
40. CEO, Jhajjar Power Ltd., Haryana, (Fax-01251-270105)
41. Representative of Lanco Anpara Power Ltd., (Fax-124-4741024)
42. Station Director, Rosa Power Supply Company Ltd., (Fax-05842-300003)
43. Director and head regulatory and POWER Sale, JSW Energy Ltd., New Delhi (Fax- 48178740)
44. COO, Adani Power Rajasthan Ltd., Ahmedabad-380006 (Fax No- 07925557176)
45. COO, Talwandi Sabo Power Ltd. Distt: Mansa, Punjab-151302(Fax: 01659248083)
46. MD, Lalitpur Power Generation Company Ltd., Noida-201301(Fax: 01204045100/555, 2543939/40)
47. Director (Commercial & Operations), PTC India Ltd., New Delhi (Fax- 01141659144,41659145)
48. CEO, Nabha Power Limited, (Fax: 01762277251 / 01724646802)
49. Representative of Prayagraj Power Generation Co. Ltd.
50. Representative of Greenko Budhil Hydro Power Private Limited (Member IPP<1000 MW)
51. Representative of TPDDL (Delhi Private Discom)

Special Invitee:

- i. Member Secretary, WRPC, Mumbai-400 093.
- ii. Member Secretary, SRPC, Bangalore-560 009
- iii. Member Secretary, ERPC, Kolkata-700 033.
- iv. Member Secretary, NERPC, Shillong-793 003.
- v. RE Generators/Holding companies as per mail list.

Contents

A.1	Approval of MoM of 62 nd NRPC meeting.....	1
A.2	Allocation of one 500 MVA, 400/220/33 KV ICT to Punjab in view of upcoming paddy season (Agenda by PSTCL).....	1
A.3	Contribution from members of NRPC for FY 2022-23 (Agenda by NRPC Sectt.).....	2

उत्तरी क्षेत्रीय विद्युत समिति की 63^{वीं} बैठक

63rd MEETING OF NORTHERN REGIONAL POWER COMMITTEE

Time & Date of NRPC meeting: 11:00 HRS; 24th February 2023

Venue: Video Conferencing

AGENDA

A.1 Approval of MoM of 62nd NRPC meeting

A.1.1 Minutes of 62nd NRPC meeting (held on 31.01.2023) has been issued vide letter dtd. 20.02.2023. No comments has been received till the date.

Members may kindly approve.

A.2 Allocation of one 500 MVA, 400/220/33 KV ICT to Punjab in view of upcoming paddy season (Agenda by PSTCL)

A.2.1 PSTCL vide mail dtd. 20.02.2023 has submitted that 400 KV S/S PSTCL Nakodar has ICT capacity of 2X315 MVA, 400/220/33KV. One 315 MVA ICT, Make- Siemens, Sr. No- 1130049-04, YOM-2011 has got damaged on 06-02-2023 after operation of differential relay. Upon testing the charging current, turn ratio and SFRA, results were found not in order. The internal inspection was carried on 19-02-2023 by M/s Siemens and some wooden pieces along with carbon residue was detected on blue phase limb and they have concluded that exact cause and extent of damage can only be ascertained after shifting the ICT to their works.

A.2.2 In 47th NRPC meeting held on 11th December 2019 (**Annexure-I**), NRPC approved the procurement of five nos. 400/220/33 KV ICTs as cold regional spare transformers against agenda item No- B.4 submitted by PGCIL. It was also decided that,

- i. The 3Ø-315MVA spare requirement will be met through proposed 3Ø-500 MVA transformer.
- ii. The transformers would be kept as regional spares which could be used by any of the constituent in case of an emergency. The requirement of these transformers has been calculated considering the population of different transformers in different states.
- iii. Further, it was also decided that NRPC Secretariat would be the authority responsible for deciding the deployment of cold spares in case of requirement of the states.

A.2.3 Since 400 KV Nakodar is already N-1 non-compliant and both the ICTs remained fully loaded in the last two paddy seasons, therefore, it is requested to allocate one 500 MVA, 400/220/33 KV ICT to Punjab at the earliest to cope up with the upcoming paddy season.

Members may deliberate kindly.

A.3 Contribution from members of NRPC for FY 2022-23 (Agenda by NRPC Sectt.)

A.3.1 In view of the budget estimates approved by Gol for the financial year 2022-23 through NRPC fund and balance amount available in the NRPC Fund, the per member contribution for the year 2022-23 is proposed to be Rs.10.0 lakh. The same is required to be contributed by members during FY 2022-23.

A.3.2 It is also proposed that members may complete contribution activity by 31.3.2023. As already decided in earlier NRPC meeting, 1% simple interest per month on late payment shall be levied. NRPC Sectt. would issue demand letters by 28.02.2023 and interest for current FY 2022-23 would be applicable from 01.04.2023 onwards i.e. beyond 31.03.2023, 1% interest upto 30.04.2023 for April month, and so on. Payment made during any date of months after March 2023 would invite 1% interest per month starting from April 2023.

Members may deliberate kindly.



सत्यमेव जयते

भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
उत्तर क्षेत्रीय विद्युत समिति
Northern Regional Power Committee

सं. उक्षेविस/ वाणिज्यिक/ 209/ आर पी सी (47 वीं)/2019/
No. NRPC/ CommI/ 209/ RPC (47th)/2019/ 1-48

दिनांक : 01st जनवरी, 2020
Dated: 01st January, 2020

सेवा में / To,

उ.क्षे.वि.स. के सभी सदस्य
Members of NRPC/TCC

विषय: उत्तर क्षेत्रीय विद्युत समिति की 47 वीं तथा तकनीकी समंवय उप-समिति की 44 वीं बैठक कार्यवृत्त ।

Subject: 47th meeting of Northern Regional Power Committee and 44th meeting of TCC – Minutes.

महोदय / Sir,

उत्तरी क्षेत्रीय विद्युत समिति की 47^{वीं} बैठक दिनांक 11 दिसंबर, 2019 को तथा तकनीकी समंवय उप-समिति की 44^{वीं} बैठक दिनांक 10 दिसंबर, 2019 जैसलमेर, राजस्थान में आयोजित की गयी थी । इन बैठकों के कार्यवृत्त उत्तर क्षेत्रीय विद्युत समिति की वेबसाइट पर उपलब्ध है ।

The 47th meeting of Northern Regional Power Committee was held on 11th December, 2019 and 44th meeting of TCC was held on 10th December, 2019 at Jaisalmer, Rajasthan. The minutes of the meetings are available on Northern Regional Power Committee website.

भवदीय/Yours faithfully,

(आर. पी. प्रधान)

(R. P. Pradhan)

अधीक्षण अभियंता (वा.) और

सदस्य सचिव (प्रभारी)

Superintending Engineer(C.) and
Member Secretary (I/C)

need attention of SCADA / communication personnels. NRPC agreed to the proposal of Haryana and advised NRPC Sectt. to follow-up the cyber security issue in TeST sub-committee meetings in place of OCC.

B.3.7 PTCUL representative stated that they were not aware of any meeting being held at the ministry level. NRPC advised NRPC Sectt. to bring the same to the notice of CISO, MoP.

B.3.8 NRPC approved the deliberations held in TCC.

B.4 Cold Spare transformer requirement for Northern Region (Agenda by POWERGRID)

TCC Deliberations

B.4.1 MS, NRPC stated that CERC had set up a Committee on dated 15.03.2018 consisting of representatives from CERC, CEA, NLDC & POWERGRID under the Chairmanship of the Chief (Engineering) of the CERC to assess the requirement of regional spares including bus reactors, line reactors, ICTs, etc.

B.4.2 As per CERC Committee recommendation, POWERGRID has proposed following spares transformers for Northern Region:

MVA rating and phase	Voltage rating	Qty. required as per POWERGRID norms	Available regional spare	Qty. proposed for procurement	Spare requirement location
1Ø-500MVA	765/400	4	3	1	Rajasthan
1Ø-333MVA	765/400	2	1	1	UP
3Ø-500MVA	400/220	5	0	5	Delhi, Rajasthan, Haryana, UP & Punjab
3Ø-315MVA	400/220	9	6	0**	
1Ø-105MVA	400/220	3	0	3	Himachal, J&K & UP
3Ø-200MVA	220/132	1	0	1	UP
3Ø-100MVA	220/132	1	0	1	Uttarakhand
Total		25	10	12	

***The 3Ø-315MVA spare requirement will be met through proposed 3Ø-500MVA transformer.*

B.4.3 POWERGRID representative stated that the aforementioned transformer would be kept as regional spare which could be used by any of the constituent in case of an emergency. The requirement of these transformers has been calculated considering the population

of different transformers in different states.

- B.4.4 Punjab representative stated that the tariff for the aforementioned transformers shall be shared by all the state transmission licensee until charging. In case of its usage by any of the state transmission licensee, the charges would be levied only on that state transmission licensee and same shouldn't be levied on other states. Further, if any of the state decides to procure the said regional spare at the depreciated cost, the same may be allowed and the tariff burden from other states shall be reduced accordingly.
- B.4.5 Further, it was also decided that NRPC Sectt would be the authority responsible for deciding the deployment of cold spares in case of requirement of the states.
- B.4.6 TCC agreed for the procurement of the following 7 Nos. of 3- ϕ transformers as Regional cold spare transformer out of 12 Nos. proposed by POWERGRID:

MVA rating and phase	Voltage rating	Qty. required as per norms	Available regional Spare	Qty. proposed for procurement	Spare requirement location
3 ϕ -500MVA	400/220	5	0	5	Delhi, Rajasthan, Haryana, UP & Punjab
3 ϕ -315MVA	400/220	9	6	0**	-
3 ϕ -200MVA	220/132	1	0	1	UP
3 ϕ -160MVA	220/132	1	0	1	Uttarakhand
Total		16	6	7	

***The 3 ϕ -315MVA spare requirement will be met through proposed 3 ϕ -500MVA transformer.*

For procurement of 5 Nos. of 1- ϕ transformers difficulties on account of impedance mismatch was highlighted as constraint.

- B.4.7 Further, on the request of Uttarakhand the rating of 220/132 kV 3- ϕ 100 MVA transformer was changed to 160 MVA.

NRPC Deliberations

- B.4.8 NRPC approved the aforementioned 7 number of 3- ϕ transformer.