



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 (50वीं)/2022/ 2035-82

दिनांक : 23 फ़रवरी, 2022

सेवा में / To,

उ.क्षे.वि.स. के सभी सदस्य (संलग्न सूचीनुसार)
Members of NRPC (As per List)

विषय: उत्तर क्षेत्रीय विद्युत समिति की 51^{वीं} बैठक की अतिरिक्त कार्यसूची ।

Subject: 51st meeting of Northern Regional Power Committee – Additional Agenda

महोदय / Sir,

उत्तर क्षेत्रीय विद्युत समिति की 51^{वीं} बैठक दिनांक **25 फ़रवरी, 2022** को **1100** बजे विडियो कॉन्फ्रेंसिंग के माध्यम से आयोजित की जाएगी । बैठक की अतिरिक्त कार्यसूची संलग्न है।

The 51st meeting of Northern Regional Power Committee (NRPC) will be held at **1100 Hrs** on **25th February, 2022** via video conferencing. Additional agenda for the same is attached.

भवदीय

Yours faithfully,

(नरेश भंडारी) 23/2/22

(Naresh Bhandari)

सदस्य सचिव

Member Secretary

List of NRPC Members

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

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उत्तरी क्षेत्रीय वद्युत समिति की 51^{वीं} बैठक

51st MEETING OF NORTHERN REGIONAL POWER COMMITTEE

Time & Date of NRPC meeting: 11.00 Hrs. on 25.02.2022

Venue: Video Conferencing

ADDITIONAL AGENDA

AA.1 CEA (Cyber Security in Power Sector) Guidelines, 2021 (agenda by CEA)

AA.1.1 Central Electricity Authority (CEA) has issued guidelines on Cyber Security in Power Sector under Regulation 10 of CEA (Technical Standard for Connectivity to the Grid) (Amendment) Regulations, 2019. In this regard, a communication has been received from CEA vide letter dtd. 08.02.2022. The same is attached as **Annexure-AA-I**.

Members may kindly deliberate.

AA.2 Scheduling and settlement of URS power (agenda by TPDDL)

AA.2.1 Scheduling of URS power is a regular practice in day-to-day power scheduling and dispatch; however, financial settlement of the same is not being done in a time bound manner. As per the information available in the public domain, it is given to understand that details of state wise URS power is provided in the final Regional Energy Account and subsequently the credit is passed on to the beneficiaries. In case the final REA is issued by RPC with a delay, then URS power settlement is also delayed.

AA.2.2 To overcome the above deficiency, it is proposed that timelines of issuance of Final REA by RPC's should be revisited and strict timelines should be defined/followed for the same, failing which provision of carrying cost/interest should be incorporated to offset the financial losses suffered by the beneficiary on account of delay in receipt of URS credit. It is also suggested that details of power scheduled under URS be incorporated in provisional REA, if possible, to expedite the settlement process.

AA.2.3 Procedure/timelines should be issued for issuance of URS credit/debit within the state boundary and to be followed by state load dispatch centres so as to ensure that URS settlement within intra-state entities is done in a time bound manner.

Members may kindly deliberate.

File No : CEA-CH-13-12/4/2021 - IT Division/25



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केन्द्रीयविद्युतप्राधिकरण
Central Electricity Authority
सूचनाप्रौद्योगिकीएवंसाइबरसुरक्ष .प्रभाग
Information Technology & Cyber Security Division

विषय : Inclusion of Agenda item on "CEA (Cyber Security in Power Sector)Guidelines, 2021" in the next NPC\RPCs meeting- reg.

Guidelines on Cyber Security in Power Sector prepared by CEA, have been issued under the provision of Regulation 10 of the "Central Electricity Authority (Technical Standards for Connectivity to the Grid) (Amendment) Regulations, 2019". These Guidelines are applicable to all Responsible Entities (as defined in the guidelines) as well as System Integrators, Equipment Manufacturers, Suppliers/Vendors, Service Providers, IT Hardware and Software OEMs engaged in the Indian Power Supply System.

The Agenda Note is enclosed herewith (as Annexure), with the request to include in the Agenda items for discussion in the next meeting of. NPC as well as all RPCs meeting, as and when scheduled to be held.

M. A. K. P. Singh
8/2/2022

(M. A. K .P. Singh)
CE (IT&CS), CEA & CISO, MoP

To,
Chief Engineer (NPC) & Member Secretary of all RPCs

Copy to:

1. Member(GO&D), CEA
2. JS(IT&CS), MoP

Annexure

Agenda Note

Subject: CEA (Cyber Security in Power Sector), Guidelines, 2021

Power Sector is vulnerable to cyber-attacks, but if a structured approach is applied to communication, organizational, and process frameworks, cyber-risks can be significantly reduced. Following aspects of Digitalization & Decentralization are the driving forces for increase in cyber risks in the Power Sector.

- Growth in the adoption of digital technologies enabling communication and data across the grid (e.g., smart meters, Internet of Things sensors, remote controls and automation etc.)
- Increased adoption of distributed energy resources (DERs), distributed storage, energy efficiency and demand response

Salient features of the Cyber security Guidelines issued by CEA are:

Objective

- Layout a cyber-assurance framework
- Strengthen the regulatory framework
- Implement various mechanisms for cyber security threat early warning
- Vulnerability management
- Respond to security threats
- Secure remote operations and services for value chain including the smart grids

Applicability

- Relevant Entities
- System Integrators
- Equipment Manufacturers
- Suppliers and Vendors
- IT Hardware and Software OEMs

Governance

- Cyber Security Requirements
- Appointment of CISO, its roles and responsibilities as defined by CERT-In.
- Cyber Security Policy considering guidelines issued by NCIIPC
- Define Cyber Risk Assessment Methodology, Mitigation Plan
- Annual Cyber Security Training & Awareness Program and Domain Specific Courses by NPTI.
- Bi-Annual Cyber Security Audit

Asset Management

- Identification of Critical Information Infrastructure (CII) as per NCIIPC Template.
- Security and Testing of Cyber Assets by NABL Accredited Labs
- Management of EOL and EOS of IT/ OT Systems

- SOP for Secure Disposal of Asset
- Phasing out of Legacy systems

Incident Management

- Incident Response (IR) Plan and Reporting of Incidents to CERT-In for IT/ OT Systems
- Root Cause Analysis for the Incidents
- Appointment of Designated Officer to Manage Cyber Crisis Management Plan
- Annual Review and Mock Drill of Cybersecurity IR Plan in Consultation with CERT-In
- CISO to be Responsible for Cyber Incident Management
- Sabotage Reporting within Stipulated Time to CERT and CERT-In

Physical Security

- Identification of Electronic Security Perimeter (ESP) and all Access Points
- Periodic and Need- Basis Cyber VA of Electronic Access Points of ESPs
- Critical Systems to Reside Inside ESP
- Identification and Hardening of Physical Security Perimeter

Trusted Supplier

- Procurement from Trusted Sources.
- Testing of Devices when Procured from other than Trusted Sources
- OEMs to Provide Certificate for Equipment/ Systems Supplied
- Secure Disposal Mechanism for Obsolete/Unserviceable Devices