



भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

उत्तर क्षेत्रीय विद्युत समिति

Northern Regional Power Committee

संख्या: NRPC/OPR/106/01/2019/14287-14328

दिनांक: 15.11.2019

विषय: उत्तर क्षेत्रीय विद्युत समिति की प्रचालन समन्वय उप-समिति की 165^{वीं} बैठक की खण्ड-अ में लिए गए निर्णयों का सार

Subject: Gist of decisions taken in the Part-A of 165th OCC meeting of NRPC.

उत्तर क्षेत्रीय विद्युत समिति की प्रचालन समन्वय उप-समिति की 165^{वीं} बैठक 15.11.2019 को आयोजित की गयी। उक्त बैठक की खण्ड-अ में लिए गए निर्णयों का सार अनुलग्नक-I में संलग्न है।

165th meeting of the Operation Co-ordination Sub-Committee of NRPC was held on 15.11.2019. The Gist of the decisions taken in Part-A of this meeting are enclosed in Annexure-I.

संलग्नक: यथोपरि

(सौमित्र मजूमदार)

अधीक्षण अभियंता (प्रचालन)

सेवा में,

प्रचालन समन्वय उप-समिति के सभी सदस्य

Gist of decisions taken in the Part-A of 165th OCC Meeting dt. 15.11.2019

Agenda No. 1: Confirmation of minutes

Comments from **PSPCL**:

In agenda point No. 3 of Part B the statement “*Order has been placed and will be delivered till **March-2019.***” shall be replaced with “*Order has been placed and will be delivered till **April-2020.***”

Comments from **PGCIL**:

In agenda point No. 2 (b) of Part B the statement “*After the deliberation and consensus of OCC forum, Member Secretary advised that routine replacement and upgradation work of substation equipment like CT, PT, CVT, CB, Isolator, LA etc. may be allowed on the basis of undertaking stating that all the safety measures have been taken care by respective transmission licensees **and a copy of application to the concerned authority for safety clearance.***” shall be replaced with the following

“*After the deliberation and consensus of OCC forum, Member Secretary advised that routine replacement and upgradation work of substation equipment like CT, PT, CVT, CB, Isolator, LA etc. may be allowed on the basis of undertaking stating that all the safety measures have been taken care by respective transmission licensees **and a copy of same shall be sent to CEA with details of make & Sl.No. of the replaced equipment for their information and records.***”

- i. After due deliberation the forum accepted the amendments as sought by PSPCL, therefore, statement in agenda point No. 3 of Part B was amended as “*Order has been placed and will be delivered till **April-2020.***”
- ii. In agenda point No. 2 (B) of Part B the amended statement after due deliberation reads as follows:

“*After the deliberation OCC forum opined that routine replacement and upgradation work of substation equipment like CT, PT, CVT, CB, Isolator and LA may be allowed on the basis of undertaking stating that all the safety measures have been taken care by respective transmission and generating utilities and a copy of application along with a copy of undertaking to the concerned authority for safety clearance.*”

- iii. The following statement before Part-A of the minutes “*164th meeting of OCC of NRPC was held on 15.10.2019 at **NRPC Secretariat, New Delhi.***” was also replaced with “*164th meeting of OCC of NRPC was held on 15.10.2019 at **NTPC, Dadri, UP.***”

OCC confirmed the minutes along with the above three (03) amendments.

It was also decided that CEI Division, CEA will be intimated about the deliberation at sl.no. ii above.

Agenda No. 2.1: Supply Position (Provisional) for October 2019

Delhi - There is no load shedding due to shortage of power. Due to change in weather condition, there is negative growth in energy demand.

Haryana - The consumption and load decrease is because of weather parameters in the month of October.

Punjab - Due to festive season in the last week of October 19. Due to early sowing of paddy, which was advanced by a week, lesser AP supply hours was given in October 19 on account of early maturity of crop. The south west monsoon retreat was delayed this year thus resulting into lesser demand. The paddy crop in about four-five districts of Punjab was damaged in the month of August 19 due to continuous opening of Bhakra flood gates. This caused reduced demand in later months due to permanent crop damage.

Rajasthan - Due to delay in end of monsoon. Due to fall of avg. temperature in night (16.5°C) as compared to last years (20°C)

Uttarakhand - Due to extended monsoon during Oct'19.

UP - Due to mild weather in Oct'19 and better demand side management by DISCOMs

Agenda No. 4.1: Anticipated Power Supply Position in Northern Region for December 2019

Delhi SLDC informed that anticipated peak demand will be 4500 MW in place of 4450 MW.

Haryana SLDC informed that anticipated peak demand will be 7100 MW in place of 6870 MW.

Uttarakhand SLDC vide mail has informed that anticipated energy availability will be 1038.5 MU in place of 1130 MU and the anticipated energy requirement will be 1054 MU in place of 1170 MU. Further, anticipated peak demand will be 1900 MW in place of 2150 MW and anticipated peak availability will be 1850 MW in place of 2090 MW.

HP SLDC informed that anticipated energy availability will be 921 MU in place of 1060 MU and anticipated energy requirement will be 919 MU in place of 920 MU. Further, anticipated peak availability will be 1595 MW in place of 2120 MW.

UP SLDC has informed that anticipated energy availability will be 9300 MU in place of 9350 MU and the anticipated energy requirement will be 8370 MU in place of 8850 MU. Further, anticipated peak demand will be 15000 MW in place of 16000 MW and anticipated peak availability will be 15500 MW in place of 16050 MW.

Agenda No. 5: System Study for Capacitor Requirement in NR for the year 2019-20.

Members were informed about the progress made in the study. Haryana representative was requested to verify the base-case file as prepared by NRLDC

after which the same could be forwarded to CPRI for going ahead with the study of Haryana in the first instance.

Agenda No. 6: Phase nomenclature mismatch issue with interconnected stations

The information has been submitted by Rajasthan, BBMB and Punjab. UP and Delhi were requested to provide the information in the specified format, duly signed by Chief Engineer, SLDC.

All other utilities were advised to submit the desired information in the prescribed format, duly signed by the respective Chief Engineer, SLDC by 30.11.2019.

Agenda No. 8.1: SPS for ICTs at 765 kV Unnao sub-station

UP informed that the testing of revised logic is expected to be done by 30.11.2019.

Agenda No. 8.2: SPS for Kawai – Kalisindh - Chhabra generation complex

The in-principle approval of the logic to be implemented was given by NRPC Secretariat based on the approved logic in OCC meetings vide letter dated 11.11.2019.

Rajasthan representative informed that the revised SPS will be implemented within 02 months. OCC advised Rajasthan to compress the implementation schedule.

Further, it was informed that some data has been received from BHEL and was mailed to NRPC. NRLDC was requested to verify the same and revert accordingly.

Agenda No. 9: Automatic Demand Management System

Punjab SLDC informed that at SLDC level, remote tripping of 110 feeders at 66 kV is possible.

There is also a proposal of Software OEM for display of drawal at various points through RTU which can extend software controlled service of CB operation in control room to regulate drawal under pre-defined logic ($OD \geq 150MW$ or $Frequency \leq 49.85Hz$). This scheme may be implemented with the addition of extra module and minimal hardware. In this regard, a meeting is scheduled to be held with M/s Siemens and the outcome of the same would be updated to the forum.

UP SLDC informed that they had taken up the matter with their SCADA team which was of the view that under present circumstances, the ADMS scheme could not be implemented. UP was advised to coordinate with Punjab SLDC and look for the logic being proposed by them to M/s Siemens.

HPPTCL representative stated that 02 feeders could be operated from SLDC through manual intervention. In this regard, letter has been sent to HP-SLDC for making its operation automatic.

Agenda No. 10: Cyber Security Preparedness Monitoring

Members were informed about the training on cyber security which was conducted on 11.11.19 at NRPC Secretariat through C-DAC.

Representative of NPCIL shared the details of the cyber-attack which was reported in Kudankulam nuclear power plant. In view of the above all the utilities were advised to observe extreme caution and ensure cyber security preparedness of their infrastructure.

Agenda No. 13: Complete outage of Multi Terminal HVDC BNC-APD-Agra on 16th Sep 2019

POWERGRID representative was informed that the reply to the queries which was submitted by them was not comprehensive and satisfactory. In view of the same, it was decided that a separate Protection Analysis Sub-Group (PSAG) meeting may be held explicitly to deliberate the event having representation from NRPC Secretariat, NRLDC, POWERGRID and Adani Power Limited.

Agenda No. 15: Replacement of 450 MVA ICT-2 at BBMB, Panipat (agenda by POWERGRID)

OCC in-principle approved the proposal of POWERGRID to replace all three phase units of 3x150 MVA ICT-2 at BBMB Panipat with new units through additional capitalization subject to consent from Haryana.

Haryana representative was advised to take up the matter with their management at the earliest and revert to NRPC Secretariat by next week.

Agenda No. 16: Significant mismatch in SCADA and SEM Drawl Data (agenda by UHBVN)

It was informed that matter was deliberated at length in the TeST Sub-Committee meeting dt. 14.11.2019 at NRPC Secretariat. Further, NRLDC representative stated that the particular incident as being brought out by UHBVN occurred as the data of Jind-Kirori and Mahendargarh-Dhanonda line became suspected.

So as to avoid such issues, all SLDCs and Haryana in particular was advised to take data from both ends so as to maintain redundancy and prevent deviation charges due to lack of availability of real time data.

Table Agenda by APCPL

- i. Requirement of schedule for De-Nox Boiler modification test
- ii. Requirement of schedule for Ramp Test

Forum gave in-principle approval for the above tests. It was decided that APCPL shall give the schedules at the earliest to NRPC/NRLDC.
