



सत्यमेव जयते

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

सं. उक्षेविस/वाणिज्यिक/210/वाउस(41)/2019/15609-52

दिनांक: 23 दिसम्बर, 2019

No. NRPC/ CommI/210/CSC(41)/2019/

Dated: 23<sup>rd</sup> December, 2019

सेवा में / To,

Members of Commercial Sub-Committee (As per List)  
वाणिज्यिक उप समिति के सभी सदस्य (संलग्न सूचीनुसार )

विषय: वाणिज्यिक उप-समिति की 41 वीं बैठक का कार्यवृत्त ।

**Subject: 41<sup>st</sup> meeting of Commercial Sub-Committee – Minutes.**

महोदय ,

Sir,

उत्तर क्षेत्रीय विद्युत समिति वाणिज्यिक की उप-समिति की 41 वीं बैठक दिनांक 19.11.2019 को उ.क्षे.वि.स., नई दिल्ली में आयोजित की गई थी। इस बैठक का कार्यवृत्त उत्तरी क्षेत्रीय विद्युत समिति की वेबसाइट पर उपलब्ध है। इसे आप डाउनलोड कर सकते हैं।

41<sup>st</sup> Commercial Sub-Committee meeting of NRPC was held on 19<sup>th</sup> November, 2019 at NRPC, New Delhi. A copy of minutes of the meeting is available on NRPC website. The same may kindly be downloaded.

भवदीय

Yours faithfully,

(आर.पी. प्रधान)

(R.P. Pradhan)

अधीक्षण अभियंता

Superintending Engineer



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37. Representative of Prayagraj Power Generation Co. Ltd.
38. Representative of HP SLDC
39. Representative of DHBVNL (Haryana Discom member)
40. Representative of AVVNL (Rajasthan Discom member)
41. Representative of PVVNL (UP Discom member)
42. Representative of BSES Rajdhani Pvt Ltd. (Delhi Pvt Discom member)
43. Representative of Bajaj Energy Pvt Ltd (Member Genco < 1000 MW)
44. Representative of Kreate Energy Pvt Ltd. (Member Trader)

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**MINUTES OF 41<sup>st</sup> MEETING OF  
COMMERCIAL SUB-COMMITTEE OF NRPC**

The 41<sup>st</sup> meeting of Commercial Sub-Committee of NRPC was held at NRPC, New Delhi on 19<sup>th</sup> November 2019 under the chairmanship of Member Secretary, NRPC. The list of participants is enclosed at **Annexure-I**.

Member Secretary, NRPC while welcoming the delegates, stated that the meeting has been called on short notice keeping in view the upcoming TCC/NRPC meeting scheduled in December, 2019 so that the recommendations of Commercial Sub-Committee pertaining to commercial issues, could be placed before TCC/NRPC, for taking a final view in the matter. He further stated that there was a long list of agenda items, some of them, were like long outstanding dues of various utilities, metering and AMR related issues etc. He informed the members about the draft Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses) Regulations, 2019. With these remarks, he requested Superintending Engineer (C), NRPC to take up the agenda for deliberation.

**ITEM-1 Confirmation of Minutes of 40<sup>th</sup> Meeting of Commercial Sub Committee of NRPC**

- 1.1 The minutes of 40<sup>th</sup> meeting of Commercial Sub-committee held on 12<sup>th</sup> September 2019, were issued vide letter No. NRPC/ Comml/ 210/ CSC(40)/ 2019/ 11563-606 dated 01<sup>st</sup> October 2019. No comment has been received on the minutes.
- 1.2 Sub-committee confirmed the minutes of 40<sup>th</sup> CSC meeting of NRPC.

**ITEM-2 Recent MoP and CERC Orders/Draft Regulations**

**2.1 Extension of Pilot on Security Constrained Economic Dispatch (SCED) of ISGS Pan India**

SE(C), NRPC stated that CERC vide Suo-Motu Order dated 31<sup>st</sup> January, 2019 in Petition No. 02/SM/2019, directed POSOCO to implement a Pilot on SCED w.e.f. 01.04.2019, for Inter-State Generating Stations pan India. In compliance to that, POSOCO has implemented the pilot for all thermal ISGS that are regional entities and whose tariff is determined or adopted by CERC for a period of six months w.e.f. 01.04.2019.

SE(C), NRPC further stated that Commission vide Petition No. 08/SM/2019 (Suo-Motu) dated 11.09.2019, has directed to implement the SCED pilot for thermal ISGS that are willing to participate in the SCED for the extended period starting from 01<sup>st</sup> October, 2019 till 31<sup>st</sup> March, 2020.

**2.2 Draft Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses) Regulations, 2019**

SE(C), NRPC informed that CERC vide No. L-1/250/2019/CERC dated 31.10.2019, has issued public notice regarding the draft Central Electricity Regulatory Commission (Sharing of Inter-State Transmission Charges and Losses) Regulations, 2019 inviting Comments/suggestions/objections on the same before 02.12.2019. The

comments/suggestions could be uploaded through SAUDAMINI Portal by clicking ‘e-Regulation’ on the e-filing Home Page. The draft regulations are posted on the Commission’s website, i.e. www.cercind.gov.in and can be downloaded.

MS, NRPC urged the utilities to submit their views positively to CERC, within the specified timeline.

### ITEM-3 Default in payment of outstanding dues and surcharge by beneficiaries

- 3.1 The details of outstanding dues of various utilities were attached in the agenda note of this meeting.

#### **THDC (as on 08.11.19)**

S.N.	Discoms	Remarks
1	BRPL, Delhi	BRPL stated that the payment would be released based on availability of fund.
2	BYPL, Delhi	BYPL was not present in the meeting.
3	PDD, J&K	PDD, J&K was not present in the meeting.
4	UPPCL, UP	UPPCL was not present in the meeting.
5	PSPCL, Punjab	PSPCL was not present in the meeting.
6	JdVVNL, Rajasthan	Payment would be made shortly.
7	AVVNL, Rajasthan	
8	UPCL, Uttarakhand	UPCL was not present in the meeting.

#### **SJVNL (as on 10.11.19)**

S.N.	Beneficiary	Remarks
1.	Govt. of HP/HPSEB	It was decided that in order to settle the payment related issues between GoHP and HPSEB, a meeting with the concerned stake holders would be organised at Shimla.
2.	PDD, J&K	PDD, J&K was not present in the meeting.
3.	UPPCL, Uttar Pradesh	UPPCL was not present in the meeting.
4.	Rajasthan Discoms	Payment would be made shortly.
5.	PSPCL	PSPCL was not present in the meeting.
6.	UPCL	UPCL was not present in the meeting.

#### **NHPC (as on 14.11.19)**

S.N.	Beneficiary	Remarks
1.	PDD, J&K	PDD, J&K was not present in the meeting.
2.	UPPCL, UP	UPPCL was not present in the meeting.
3.	PSPCL, Punjab	PSPCL was not present in the meeting.
5.	UPCL, Uttarakhand	UPCL was not present in the meeting.

3.2 On the issue of adjustment of current payment being done by beneficiaries, for principal energy charges against LPSC, following options were suggested by some of the members:

- Payment received may be adjusted 100% against LPSC first.
- To begin with, the adjustment of payment would be made in the ratio of 80:20 i.e. payment received may be adjusted 80% against principal energy charges and remaining 20% against LPSC.
- PPA condition would prevail over the above two options.

3.3 SE(C) pointed out that such type of adjustment from principal energy charges with LPSC, would lead to encashment of LC on each occasion, in accordance with recent Order/Guidelines, issued by Ministry of Power on Payment Security Mechanism.

Finally, it was decided that the financial mechanism for settlement including the above options, may again be deliberated in the next CSC meeting.

#### **ITEM-4 Opening of Letter of Credit (LC)**

4.1 NHPC intimated that LC of Rs. 274.806 crore, opened by JKPCCL on behalf of PDD, J&K and in favour of NHPC Ltd., had expired on 13.11.2019.

4.2 The matter could not be discussed as representative of J&K was not present in the meeting.

#### **ITEM-5 Restriction of On-bar DC declaration to 100% Ex-Bus capacity by UPSLDC**

5.1 Meja Urja Nigam Pvt. Ltd. (MUNPL) stated that MUNPL is an ISGS and its tariff is determined by CERC under section 79 of Electricity Act, 2003. Scheduling of MUNPL is being carried out by UPSLDC as per relevant provision of IEGC.

5.2 He stated that while issuing Energy Accounts, UPSLDC has restricted DC of MUNPL to 100% for the blocks where DC declared by MUNPL was more than 100%.

5.3 He further added that as per section 79 of Electricity Act 2003, all rules/regulations framed by CERC, are applicable to MUNPL in-spite of the fact that scheduling is being done by UPSLDC. As per the PPA signed by the beneficiaries including UP with MUNPL, the declared capability of Meja shall be as per extant provisions of IEGC as amended from time to time. Accordingly, the UPSLDC may revise the Energy Accounts in terms of the provisions of IEGC.

5.4 NRLDC was of the view that as MUNPL is a multi-beneficiary plant, the scheduling, accounting and settlement of the same, should be governed as per the relevant provisions of IEGC. He further stated that as per Vth amendment of IEGC, read with its SoR, RLDCs are not authorized to reduce DC declared by Generator.

5.5 NTPC stated that all the Commercial Mechanism of Meja including Scheduling & Accounting, should be governed by the provisions of CERC Regulations irrespective of the fact that the plant falls under Control Area of State. He further stated that as per



the judgment of Hon'ble Supreme Court vide order dated 17.08.2007 in one of the matters, the commercial mechanism of CGS/ISGS generators shall be governed by the provisions of CERC Regulations.

- 5.6 IPGCL/PPCL stated that the Bawana is also a composite scheme plant whose tariff is determined by CERC and scheduling is being done by Delhi-SLDC.
- 5.7 MS, NRPC stated that as per Regulation 6.4.2 (C) (iii) of IEGC 2010, the scheduling of Meja is being done by UP SLDC. He added that the tariff of MUNPL is determined by CERC under the composite scheme as per Terms and Condition of Tariff Regulations, 2019. He further added that Regulation 53 of Terms and Condition of Tariff Regulations, 2019 states as "*The methodology for scheduling and dispatch for the generating station shall be as specified in the Grid Code.*" He was of the view that as per 5<sup>th</sup> Amendment of IEGC, read with its SoR, Generators may be allowed to declare DC beyond ex-bus generation corresponding to 100% of installed capacity. This would ensure proper incentivization to the generator for keeping units in readiness for providing much needed grid support in case of frequency excursion. In view of above, MS, NRPC opined that dc declaration up to 105 % of installed capacity, as being done by RLDCs in case of ISGS, may also be applicable to MUNPL.
- 5.8 However, views of UP in this matter could not be recorded as no U.P. representative was present during the meeting.

#### **ITEM-6 Deviation Settlement Accounting by UPSLDC for Meja Thermal Power Station**

- 6.1 MUNPL stated that UP SLDC while issuing DSA accounts of Meja, is not allowing any payment when Schedule=0 & AG(Injection)≠0 in a particular time block. The matter had been deliberated with UP SLDC on 18<sup>th</sup> September ,2019 wherein UP SLDC clarified that same was not permitted under UPERC regulation/order. MUNPL stated that during the same condition, if generator is drawing, it is being penalized as per CERC Regulations.
- 6.2 MUNPL added that the matter was also taken up with UPSLDC vide letter dated 23<sup>rd</sup> August, 2019 and response from them was awaited. He requested that UP SLDC may be persuaded to follow the methodology as being followed by NRPC for ISGS plants.
- 6.3 MS, NRPC stated that Sub-clause (1) of Clause 2 of CERC (Terms and Conditions of Tariff) Regulations, 2019, states that these regulations shall apply in all cases where tariff for a generating station or a unit thereof and a transmission system or an element thereof is required to be determined by the Commission under section 62 of the Act read with section 79 thereof. Thus, it may be inferred that Meja Power Plant falls within ambit of said regulation. Further, Clause 47 of the same regulation states that the deviation charges for any deviation of generating station between actual net injection & scheduled net injection, may be governed by CERC (Deviation Settlement and Related matters) Regulation, 2014.

Thus, CERC (Deviation Settlement and Related matters) Regulation, 2014 and amendments thereof are applicable upon Meja Power plant and hence, any departure from the same, doesn't seem justified. NRLDC reiterated the same view.

- 6.4 However, view of UP in this matter could not be recorded as no U.P. representative was present during the meeting.

**ITEM-7 Non-Consideration of off DC during Reserve Shutdown (RSD) on 13h/14th July-2019**

- 7.1 MUNPL stated that UP SLDC has restricted off bar DC in REA, only for 8 hours duration from the time it was asked again to start/run the Machine. This has financial implications on part of MUNPL.
- 7.2 He requested that off bar DC has to be considered as per timeline given by Generator in AS-1 format in accordance with CERC order dated 5<sup>th</sup> May 2017, passed in the matter of detailed procedure for RSD, which is being followed by UPSLDC. The matter was also discussed with UPSLDC on 18<sup>th</sup> September 2019, however the same could not be concluded.
- 7.3 MUNPL requested that the matter may be deliberated so that UPSLDC may issue revised REAs.
- 7.4 NRLDC deliberated the concern for bringing uniformity in declaration of start-up timings in AS-1 format. It was noticed that different generators are declaring different time frame of start-up timings which varies from 6 Hours to 72 Hours through AS-1 formats.
- 7.5 NRLDC opined that all generators should submit their detailed technical justification regarding startup timings for bringing units on-bar after cold start.
- 7.6 NRLDC also stated that as NR demand is weather sensitive besides seasonal and diurnal variation, repeated start and stop of generators would be required in a reasonable time frame. In addition to the above, it is to mention that huge Renewable generation is also in pipe line for integration in the grid and hence, frequent start/stop of generators may be required for secure, resilient and reliable grid operation. Considering these facts, start-up timings (Hot, Warm and Cold) for different type of generators shall be documented in similar lines of Normative Auxiliary consumption as specified by CERC in Tariff Regulations and same may be included in IEGC.
- 7.7 MS, NRPC opined that declaration of startup timing in AS-1 format by thermal stations has been mandated by CERC. RLDC and beneficiaries are aware of such declaration in advance. As the generators are of different vintage, therefore uniformity in regard to startup timing can't be achieved; and this could be the reason that CERC has devised a methodology of its declaration in AS-1 format. Asking generators to justify each time while declaring in AS-1 would be unfair. He felt that generators' declaration of startup timing in AS-1 format may be accepted, till it is evidently apparent that gaming is being indulged.



- 7.8 However, views of UP in this matter could not be recorded as no U.P. representative was present during the meeting.

#### ITEM-8 Status of DSM Charges

- 8.1 NRLDC stated that Deviation Pool Account Fund of NR is being maintained & operated by NRLDC, in accordance with the CERC Regulations. As per Regulations 10 (1) of “Deviation Charges Related matters” the payment of charges for Deviation shall have a high priority and the concerned constituents shall pay the indicated amounts within 10 days of issue of statement of Charges for Deviation including Additional Charges for Deviation by the Secretariat of the respective Regional Power Committee in to the “Regional Deviation Pool Account Fund” of the concern region.
- 8.2 NRLDC further stated that DSM Charges payable to pool status as on 07<sup>th</sup> November 2019 considering week no-27 (due date of which is 31<sup>st</sup> October 2019) is as tabulated below: -

**All figures in Rs. Lakhs**

Sl. No.	Constituents	DSM Charges Payable (Principal)	Deviation DPI up to FY 2018-19	Total Outstanding	Remarks
1	Jammu & Kashmir	3619.97	378.53	3998.50	Outstanding includes the principal amount which is due for more than 90 days
2	Powergrid-NR	290.72	-	290.72	
3	Uttarakhand	411.26	4.08	415.33	-
4	Punjab	97.86		97.86	-
5	Himachal Sorang	-	0.08	0.08	-

- 8.3 It was informed by NRLDC that payment against deviation charges are being received from different regions of POWERGRID viz. NR1, NR2 & NR3. In this regard, NRLDC referred to the special meeting held on 01<sup>st</sup> July 2016 regarding the methodology for application of DSM on POWERGRID HVDC Stations wherein it was agreed that Deviation charges for all the HVDC stations will be calculated separately and will be aggregated to POWERGRID (NR) as pool member for payment / receipt of charges.
- 8.4 In line with the above, NRLDC stated that the payment against deviation charges for POWERGRDI (NR) as a whole need to be paid from any region.

- 8.5 NRLDC informed that PDD J&K is regularly making default in payment of DSM charges and it includes the principal amount outstanding which is more than 90 days. Though PDD J&K has informed that they are in the process of making payment, till date outstanding has not been cleared.
- 8.6 MS, NRPC advised all the defaulting utilities to clear all the outstanding DSM charges at the earliest. All payable utilities were requested to make timely payment to DSM Pool Account in accordance with CERC Regulations and to avoid further increase of Delay Payment Interest

**ITEM-9 Delay Payment Interest**

- 9.1 NRLDC stated that few entities are deducting TDS while payment of delay payment interest of the pool accounts. As the residual amount after disbursement to the receivable entities in the pool accounts needs to be transferred to PSDF (Fund belonging to Govt. of India), deduction of TDS may be exempted from the payments of delay payment interest of pool accounts.
- 9.2 He further added that as per the PSDF regulations, the residual amount of pool accounts after disbursement to the receivable constituents, needs to be transferred to PSDF which belongs to Govt. of India.
- 9.3 MS, NRPC advised to all concerned that TDS should not be deducted while making the payment towards DPI of pool accounts.

**ITEM-10 Status of LC against Deviation Charges delayed payment**

- 10.1 NRLDC apprised the latest status of opening of LC as per CERC Deviation Settlement Mechanism Regulation, due to default in making payment of DSM charges.
- 10.2 The details of the same are enclosed as agenda note of this meeting.
- 10.3 CSC advised all the defaulting entities to open the LC against Deviation Charges in compliance to CERC Regulations.

**ITEM-11 Reactive Energy charges status**

- 11.1 NRLDC informed the status of Reactive Energy Charges as on 07th November 2019 considering week no-27 (due dated of which is 31st October 2019). The details of the same are enclosed as agenda note of this meeting.
- 11.2 The defaulting entities were requested to clear outstanding RE charges payments at the earliest so that, receivable parties will be paid and to avoid further increase of Delay Payment Interest.

**ITEM-12 Congestion Charges**

- 12.1 NRLDC informed that congestion charge statement is being issued by NRPC. The amount received in the congestion charges account, was disbursed to the receivable parties.
- 12.2 He also informed about the outstanding amount against the entities payable to pool (as on 07<sup>th</sup> November 2019). The details of the same are enclosed as agenda note of this meeting.
- 12.3 He further added that in the minutes of 41st TCC/44th NRPC Meeting held on 18th /19th March 2019 at Udaipur, it was agreed to waive off the delay payment interest charges for the above utilities. NRPC vide minutes of 39th and 40th CSC meeting held on 21/05/19 and 12/09/19 informed that revised interest statement of Congestion charge would be issued soon in line with the decision taken in the 41st TCC/44th NRPC meeting. Revised interest statement is to be issued by NRPC.
- 12.4 Accordingly, congestion Charge interest statement for FY 2018-19 was issued by NRPC Sectt. vide dated 16/09/2019.
- 12.5 NRLDC also apprised the outstanding amount against the entities payable to pool (as on 07th November 2019) as tabulated below: -

**All fig. In Rs. lakhs**

Sl. No.	Constituents	Congestion Charges Delay Payment Interest 18-19
1	Jammu and Kashmir	4.04181
2	Railways	0.29993
3	Himachal Pradesh	0.12411
4	SJVN	0.01101

- 12.6 Himachal Pradesh stated that during the 41st TCC/44th NRPC meetings, it was agreed to waive off the DPI against congestion charges and the same was yet to be revised. However, interest of Rs. 12,411 has been calculated over the waived of amount in the DPI account issued by NRPC on 16-09-2019.
- 12.7 MS, NRPC stated that the revised statement would be issued shortly.

**ITEM-13 Reconciliation of Pool Accounts (July 19 to October 19)**

- 13.1 NRLDC stated that reconciliation statement of Deviation Charges and Reactive Energy Charges has been forwarded to entities and uploaded on website by NRLDC on 10.10.2019 & 09.10.2019 respectively.
- 13.2 However, except ADHPL, NHPC, Azure Power, APCPL, THDC & Rajasthan, (only RE Charges), other entities have not yet sent any communication to NRLDC.
- 13.3 NRLDC again requested the concerned utilities to send the signed reconciled statement within a week w.e.f. 19.11.2019. In case of non-receipt of any communication, it will be presumed that reconciliation statement stands reconciled.

- 13.4 CSC advised all entities concerned to verify and sign the reconciled statement (issued on quarterly basis) regularly so as to avoid any dispute in future.

**ITEM-14 Status of Ancillary Services**

- 14.1 NRLDC informed to the members that payments for Ancillary Services i.e. RRAS, AGC & FRAS had been settled up to Week-28 of FY 2019-20. He further added that there was no outstanding against payment of Ancillary Services.
- 14.2 Members noted the information.

**ITEM-15 NRLDC Fee & Charges**

- 15.1 NRLDC intimated that the bills are being mailed to all users on the day of billing and soft copies of bills are also available to the link “<https://nrldc.in/commercial/bill-details/>”. NRLDC is also sending the hard copies of bills to all the users regularly on monthly basis.
- 15.2 NRLDC updated the status of outstanding against NRLDC Fee & Charges including PLI and supplementary bills issued on August 2019 (due date for which is 17.10.2019). The details of the same are enclosed as agenda note of this meeting.
- 15.3 NRLDC further added that Himachal Sorang had cleared the outstanding against NRLDC Fee & Charges for the month of July 19 & October 19 on 15.11.2019. Current outstanding against Himachal Sorang was Rs. 1,08,549/-.
- 15.4 It is requested to the defaulting users to clear all the outstanding at the earliest, otherwise NRLDC shall be constrained to invoke regulatory provision under the Regulations
- 15.5 It was also intimated that NRLDC has requested all the Users that while making the payment also provide the payment details in the prescribed format as tabulated below:

**NRLDC Fee & Charges Format for Payment made /TDS Deduction**

USER Name		BILLING DETAILS			SETTLEMENT DETAILS				
BILL MONTH AND YEAR -	DATE of Bill issue	Billed AMOUNT	Date of Bill Receipt by Users	Mode of Payment RTGS/NEFT/Others	Date of Clearing of Payment from Users Bank A/c	Amount Paid into POSOCO Fee & Charge A/c by Users	TDS-deducted by Users if any	Rebate-deducted by Users if any	Amount-Admitted (Paid+TDS +Rebate) by Users
			(1)	(2)	(3)	(4)	(5)	(6)	(7)=(4)+(5)+(6)

- 15.6 However, it is observed that most of the Users are not providing the details as per the enclosed formats.
- 15.7 CSC requested all users to make timely payment of RLDC Fees and Charges and also provide the information in the above format for easy reconciliation.

**ITEM-16 Reconciliation of NRLDC Fee and charges**

- 16.1 NRLDC intimated that vide their letter dated 25/10/2019, they have sent the reconciliation statements of NRLDC Fee and Charges for the Q-2 of FY 2019-20 to all

the users. The users were requested to send the duly signed and verified copy of reconciliation statement as a token of acceptance by 22-11-2019.

- 16.2 He further added that reconciliation statement has been received only from ADHPL, Koteswar HEP, NAPS, NRSS XXXI (B) Transmission Ltd. & NTPC (for all stations).
- 16.3 Entities were requested to verify the Reconciliation statements and send the duly signed copy as a normal practice. In case non receipt of any communication with in one week w.e.f. 19.11.2019, it will be presumed that statement stands reconciled.
- 16.4 CSC advised all concerned to verify and sign the reconciled statement (issued on quarterly basis) regularly to avoid any dispute in future.

#### **ITEM-17 Reconciliation of STOA (Short Term Open Access) Charges disbursement**

- 17.1 NRLDC stated that reconciliation statement was not being received from utilities in a timely manner. Signed Reconciliation statement of STOA charges has been received from Karnataka STU/SLDC. Signed Reconciliation of Refund has been received from TATA POWER TRADING CORP Ltd.
- 17.2 NRLDC requested all constituents to reconcile the statement on regular basis so as to avoid any dispute.
- 17.3 Members agreed that if reconciled statement is not received in time, it will be considered as deemed reconciled.
- 17.4 CSC advised all utilities concerned to verify and sign the reconciled statement (issued on quarterly basis) regularly to avoid any dispute in future.

#### **ITEM-18 Status of Outstanding STOA Delay Payment Interest as on 13th November 2019**

- 18.1 NRLDC intimated the details of outstanding STOA delay payment interest. The applicant wise outstanding interest amount (computed till 13.11.2019) is enclosed as agenda note of this meeting.
- 18.2 NRLDC stated that they are regularly monitoring the payment defaults, if any by the applicant. He added that some parties were regularly delaying the payment of principal and hence their interest had accrued on a regular basis viz. APPCPL, Kreate Energy Pvt, Ltd., Northern Railways (Both UP and Delhi Division).
- 18.3 CSC requested all the defaulting entities to make timely payment on priority basis.

#### **ITEM-19 STATUS of AMR as on 08.11.2019**

- 19.1 NRLDC informed that there is some improvement in availability of data through AMR particularly after switching over of 64 locations to OPGW. As per the week 21.10.2019 to 27.10.2019, total 268 nos. of location (1617 nos. of meters), where SAT was completed, data received in totality was at 219 locations (1238 no of metes). However, still there is long way to go.



- 19.2 As representative from POWERGRID was not present during the meeting, NRLDC was requested to coordinate with POWERGRID who in turn coordinate with M/s Kalkitech so that data from all sites should be regularly provided to NRLDC by Tuesday.

#### **ITEM-20 Integration of AMR System with Elster Meters**

- 20.1 NRLDC intimated that in the last CSC meeting POWERGRID confirmed that both M/s Kalkitech and M/s Synergy could integrate Elster make meter with AMR system. However due to some technical issues or improper integration, following were the observations:

- Due to some technical issues or improper integration, the incorrect/zero AMR data was being fetched.
- Inconsistency in reporting of all integrated Elster meters at a location through AMR.
- Whole day meter data & \* symbol are missing in “.npc” files provided by M/S Kalkitech.
- Integration Elster meters with AMR system may be making the meters defective/faulty frequently like kurukshetra and Chittorgarh.
- In some meters “.npc” files provided by M/S Kalkitech, cumulative WH, Reactive high and Reactive low energy were not recording.
- Time drift Correction in Elster Energy Meters through AMR not explored.

- 20.2 NRLDC expressed concern over these issues and it was requested that POWERGRID would take up the matter with Kalkitech to prevent reoccurrences of such issues. Further, POWERGRID was also requested to intimate the timeline by which integration of all Elster make meters would be completed.

#### **ITEM-21 Status regarding procurement of DCD/Meters**

- 21.1 NRLDC intimated that vide its letter ref. no. NRLDC/MO/Metering/10/986 dated 12.07.19, POWERGRID was communicated regarding procurement of estimated quantity of DCDs and Meters.
- 21.2 However, representative from POWERGRID was not present during the meeting, status of the same could not be ascertained. NRLDC again requested POWERGRID to apprise the latest status on procurement of DCD/meters.

#### **ITEM-22 AMR data through Fibre Optic Network**

- 22.1 NRLDC intimated that as per the information submitted by M/s Kalkitech, AMR communications through optical fibre link, was established at 64 locations and work at balance 58 locations, was in progress.

- 22.2 As representative from POWERGRID was not present during the meeting, status of same was not updated.

**ITEM-23 Time drift Correction in Interface Energy Meters**

- 23.1 NRLDC intimated that there was a significant reduction in Time drift in Interface Energy Meters from the last CSC Meeting due to efforts taken by all utilities. At present only 4% meters have time drift as per NRLDC record. NRLDC is regularly uploading the discrepancy report on weekly basis indicating the time drift in meters. Uttarakhand have maximum 23 nos. of meters with Time drift as per weekly discrepancy report (21.10.19 to 27.10.19).
- 23.2 NRLDC also intimated that letter was being sent to all utilities for time drift correction.
- 23.3 All constituents were again requested to monitor the time drift on weekly basis and take corrective actions for time correction on regular basis.

**ITEM-24 Replacement/Rectification of SEM meters**

- 24.1 NRLDC intimated that they were uploading the Discrepancy report of meters on weekly basis on NRLDC website. The discrepancy report also contains the details where replacement/rectification of energy meter is required.
- 24.2 NRLDC apprised the forum that as on date, there are 19 nos of meters where corrective actions are required and requested POWERGRID to ensure timely action for replacement/rectification of all defective meters.

**DATE AND TIME OF THE NEXT MEETING**

The date and venue of next (42<sup>nd</sup>) meeting of the Commercial Sub-committee would be intimated later.

**Annexure-I**List of Participants of 41<sup>st</sup> CSC Meeting held on 19.11.2019 at

NRPC Conference Hall, New Delhi

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