



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(34)/2017/12882-923
No. NRPC/ Comml/210/CSC(34)/2017/

दिनांक: 21 नवम्बर, 2017
Dated : 21st November, 2017

सेवा में / To,

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

विषय: वाणिज्यिक उप-समिति की 34 वीं बैठक की कार्यसूची ।

Subject: 34th meeting of Commercial Sub-committee – Agenda.

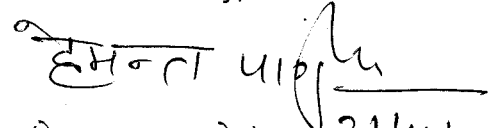
महोदय ,
Sir,

दिनांक 30 नवम्बर, 2017 को उत्तर क्षेत्रीय विद्युत समिति, सचिवालय, नई दिल्ली में होने वाली वाणिज्यिक उप समिति की 34 वीं बैठक की कार्यसूची आपकी सूचना एवं आवश्यक कार्यवाही हेतु संलग्न है ।

Please find enclosed herewith agenda for 34th Commercial Subcommittee Meeting to be held on 30th November, 2017 at NRPC Secretariat, New Delhi for your information and necessary action.

भवदीय

Yours faithfully,


(हेमन्त कुमार पाण्डेय)
(Hemant Kumar Pandey)

अधीक्षण अभियंता
Superintending Engineer

21/11/17

AGENDA

FOR

34th MEETING OF COMMERCIAL SUB-COMMITTEE OF NRPC

ITEM-1 CONFIRMATION OF MINUTES OF 33rd MEETING OF COMMERCIAL SUB COMMITTEE OF NRPC

The minutes of 33rd meeting of Commercial Sub-committee held on 28th July 2017 were issued vide letter No. NRPC/Comml/ 210/CSC (33)/ 2017/ 10344-82 dated 13th September 2017. NTPC vide email dated 17th September, 2017 have requested for modifications in the heat rate table of para 34.2 as given in **Annexure-1.1**.

Members may discuss and approve the minutes of 33rd CSC meeting.

ITEM-2 Presentation by NRPC Secretariat/NRLDC

Presentation on latest CERC's Regulations/decisions/orders would be made by NRPC Secretariat/NRLDC.

ITEM-3 Workshop on PoC Mechanism for the DICs of NR.

33rd Commercial Sub-committee (CSC) of NRPC decided that a two days workshop would be organised for Designated ISTS customers (DICs) of NR on Point of Connection (PoC) Mechanism. Accordingly, the workshop was conducted on 26.09.2017 and 27.09.2017 at NRPC Conference Hall and POWERGRID, Gurugram, respectively. In this workshop, the constituents were made aware about the regulatory provisions and calculation procedure of the PoC charges by the officials of POSOCO. Further, the constituents were also made aware about the process of billing, collection and disbursement of transmission charges by POWERGRID.

The present PoC mechanism is under review by CERC. The comments received from various beneficiaries had already been forwarded to CERC. Any further comment on PoC mechanism may be sent to CERC with a copy to NRPC secretariat.

Members may kindly note the information.

ITEM-4 Procedure for finalization of Regulatory Accounts

A draft procedure has been developed by NRPC Sectt. to finalise/freeze the regulatory accounts in a specified period of time. The draft procedure was discussed in the 33rd Commercial Sub-committee (CSC) of NRPC held on 28.07.2017.

The procedure recommended by 33rd CSC after inclusion of comments from the utilities was again discussed in 37th TCC and 40th NRPC meetings held on 27th and 28th October 2017, and approved the *procedure for finalization of Regulatory Accounts prepared by NRPC Secretariat and decided to implement the same w.e.f 1st January 2018*. The procedure as approved by 40th NRPC is enclosed at **Annexure-4.1**.

Members may kindly note the information.

ITEM-5 Compensation w.r.t Partial Loading of Gas Based Stations

33rd commercial sub-committee, it was discussed that as per IEGC(Fourth Amendment) Gas based generating stations of NR had to provide OEMs HBD diagram along with degradation curves.

In the above meeting NTPC and IPGCL-PPCL made a presentation on the compensation calculation of their gas based generating station. Degraded Specific Heat rate (SHR) and Auxiliary Energy Consumption (AEC) was decided based on the characteristic curve provided by manufacturer. If the characteristic curve is not provided for the entire range of the operating range i.e. up to 55% of module rating, then the extrapolation of the curve provided by the manufacturer done to the extend up to 55% of module loading.

To validate the values of the heat rate and AEC at different percentage of loading, a sub-group was formed in the 33rd CSC meeting held on 28.07.2017. Members of the sub-group comprises one official from each of the organisation viz. CEA (TE&TD Division), NRPC secretariat, NRLDC, and TPDDL.

Members of the sub-group visited Dadri GPP on 28.09.2017 and IPGCL-PPCL on 11.10.2017 to collect the real time operation data required for Gas compensation calculation such as Gross Generation (Metered data and Control room Data), Gas Flow (Control Room Data and GAIL Readings) and Gross Calorific value of fuel (GCV) from GAIL at different percentage loading for Half/Full Module mode of operation.

The collected data would be used to calculate Heat Rate and APC and to correlate it with the characteristic curve. The sub-group is in process of finalizing the modalities for gas compensation calculation.

Members may kindly note the information.

ITEM-6 Issues of NFL (National Fertilizer Ltd.), Nangal

In the 37th TCC/40th NRPC meeting held on 27.10.2017 and 28.10.2017, NRLDC apprised about non-registration of NFL as regional entity. The Committee expressed concern about long pending issues and it was decided that one more meeting with NFL and other concerned, may be scheduled. Accordingly a meeting was scheduled with the representatives from NFL, BBMB, Punjab, NRLDC and NRPC Secretariat on 10.11.2017 at NRPC Sectt., New Delhi. To resolve the issues related with NFL. The minutes of the meeting is enclosed at **Annexure-6.1**

Members may kindly discuss.

ITEM-7 Supporting documents viz. DR/EL and Fault locator etc. in case of tripping of transmission lines

It has been observed that many times, supporting documents viz. DR/EL/fault locator etc. are not being provided by the transmission licensee. The availability of these documents more important in cases where the transmission line is owned by one transmission licensee and associated bays/protection system/substation at one or both ends is owned by different agency(ies). In case of multiple ownership of a transmission line the issue of outage in the portion of particular owner becomes important for availability verification. In all such cases, it becomes difficult for NRLDC to verify the outages as exact reason of outage are not known in absence of supporting documents. This may further create issues in calculating the monthly transmission availability of transmission elements and certification thereof.

All transmission licensees are requested to furnish the supporting documents along with the outage details of the line, in coordination with other licenses. In absence of supporting documents, the outages of such elements may not be considered under deemed availability.

Members may deliberate.

ITEM-8 Default in payment of outstanding dues and surcharge by beneficiaries

The details of outstanding dues are as under:

Utility	Beneficiary	Total Dues including Surcharge (in Rs Cr.)	Remarks
NHPC	PDD, J&K	1102.34	Outstanding dues as on 08.11.2017. NHPC is a public listed company and is answerable to its stake/share holders and such a huge outstanding balance is also attracting specific attention of the audits.
	UPPCL, UP	610.88	
	PSPCL, Punjab	222.02	
	BYPL, Delhi	386.2	
SJVNL	BYPL	144.75	Details of outstanding dues as on 09.11.2017 in respect of all beneficiaries is enclosed at Annexure-8.1
	Govt. of HP & a/c HPSEB	576.25	
	J&K	155.56	
	UPPCL	201.09	
THDCIL	BRPL, Delhi	295	Payment dues for the bill raised during Oct'15 to Nov'17.
	BYPL, Delhi	292.42	Payment dues for the bill raised during Oct'13 to Nov'17. BYPL has made payment of Rs. 8 Cr. only during the current financial year.
	PDD, J&K	89.97	Payment dues for the bill raised during Apr'17 to Nov'17
	UPPCL, Uttar Pradesh	1490	Payment dues for the bill raised during July'16 to Nov'17
PGCIL	PDD-J&K	113.52	Outstanding dues for more than 60 days under PoC billing as on 13.11.2017
	UPPCL	331.21	

- BRPL & BYPL are deducting TDS on Late Payment Surcharge bills of THDCIL but the payment of LPS is not being released against LPSC bills.

Members may discuss.

ITEM-9 Opening of Letter of Credit (LC)

As per PPA/CERC Regulations beneficiaries have to submit a confirmed, revolving, irrevocable Letter of Credit for an amount equivalent to 105% of average monthly billing of preceding 12 months with appropriate bank as mutually acceptable to parties. The LC shall be kept valid at all the time during the validity of the Power Purchase Agreement. This matter had been discussed regularly in various commercial sub-committee meeting as well as TCC and NRPC meetings. However, the following beneficiaries are yet to submit the requisite Letter of Credit for the FY 2017-18.

Utility/Account	Beneficiary	LC Amount (in Rs Cr.)	Remarks
NHPC	PDD, J&K	LC amount already intimated to the beneficiaries	
	Rajsthan Discoms		
	BRPL, Delhi		

SJVNL	PDD, J&K		
	HPSEBL		HPSEB is yet to provide Letter of Credit as per the Power Purchase Agreement signed for supplying of power from RHPS. GOHP has assigned its equity power share to HPSEB from Dec,2013 & April, 2015 for NJHPS & RHPS respectively. HPSEB is yet to open the Letter of Credit in respect of the power assigned to them by GoHP.
	BRPL, Delhi		
	BYPL, Delhi		
	Rajsthan Discoms		
	UPCL		UPCL has submitted the LC but the LC is not irrevocable & revolving
THDCIL	JVVNL, Rajasthan	6.1	
	AVVNL, Rajasthan	4.27	
	JdVVNL, Rajasthan	4.88	
	BRPL, Delhi	9.02	
	PDD, J&K	13.35	
POWERGRID	JVVNL, Rajasthan	50.36	
	AVVNL, Rajasthan	35.25	
	JdVVNL, Rajasthan	40.29	
	BYPL, Delhi	51	
	BRPL, Delhi	97	
	PDD, J&K		
DEVIATION CHARGE ACCOUNT	UPPCL,UP	2277.24	*Figures in Rs. Lakh. Details enclosed at Annexure 9.1
	UPCL, UTTARAKHAND	183.34	
	HPSEB, Himachal	844.64	
	PDD,J&K	1230.35	
	EPPL	3.39	
	Greenko, Budhil	54.22	
	Punjab	615.03	
	UT Chandigarh	69.53	
	Rajasthan	311.73	
	APCL	51.28	
	BBMB	24.23	
	NHPC	306.88	
	PGCIL	8.75	
HPPCL	1.15		

ITEM-10 Signing of PPA of Tawang HE Projects Stage-I & II (Agenda by NHPC)

The beneficiaries have been requested to convey their consent for signing of

PPA of Tawang HE Projects, Stage-I(600 MW) & Stage-II (800 MW). Consent has not been received from HPPC (Haryana), PDD(J&K), UPPCL(UP) and UT Chandigarh.

These beneficiaries may kindly convey their consent or refusal for signing of PPA at the earliest.

ITEM-11 Non intimation of payment released and deduction of TDS (Agenda by THDCIL)

Beneficiaries are not intimating the details of payment released against monthly energy bills issued by THDCIL. Further, some of the beneficiaries are deducting TDS on regulatory interest and NRLDC Fee & Charges bills and not intimating the details of the same on time. As a result many times there are variation in the computation of rebate and LPS allowed / charged by THDCIL. To avoid any complicacy, the beneficiaries are requested to intimate the details of payment made and TDS deducted by them on time.

Members may discuss.

ITEM-12 Compensation Statement (Agenda by BRPL)

Background:

As per fourth amendment of IEGC dated 6.4.2016, CERC had directed that technical minimum for all the units shall be considered as 55% and NLDC had been asked to prepare Detailed Operating Procedure (DOP).

“1. The technical minimum for operation in respect of a unit or units of a Central Generating Station of inter-State Generating Station shall be 55% of MCR loading or installed capacity of the unit of at generating station.”

DOP was approved by CERC vide order dated 05.05.2017. DOP has been made effective from 15.05.2017.

As per clause 6 of DOP, RLDCs have to issue details in the final REA.

“(i) RPC secretariat will issue the compensation statement along with final REA for the month.”

In view of 4th amendment to IEGC Regulations being operational from 15th May 2017, NTPC and APCPL have raised bills for compensation payments as per the said amendment.

Concern:

- In absence of Compensation statement, it would be very difficult to verify the bills raised by the generation in lieu of compensation payment.

- In view of implementation of the fourth amendment of IEGC we would request that detailed procedure for scheduling of power for complying to MOD should also have the impact of 4th amendment of IEGC to be incorporated in the requested procedure.

Members may discuss.

ITEM-13 Revision of DC by ISGS / RLDC without adequate timeline in contravention of IEGC provision (Agenda by BRPL)

Back ground:

As per IEGC clause no. 6.5.18 & 18a, the revision of a declared capability by the ISGS(s) having two part tariff with capacity charge and energy charge shall be permitted with advance notice. Revised schedules/ declared capability in such cases shall become effective from the 4th time block.

“6.5 Scheduling and Despatch procedure for long-term access, Medium-term and Short-term open access

18. [Revision of declared capability by the ISGS(s) having two part tariff with capacity charge and energy charge and requisition by beneficiary (ies) for the remaining period of the day shall also be permitted with advance notice. Revised schedules/declared capability in such cases shall become effective from the 4th time block, counting the time block in which the request for revision has been received in the RLDC to be the first one.]

[18(a) Notwithstanding anything contained in Regulation 6.5.18, in case of forced outages of a unit, for these stations who have a two part tariff based on capacity charge and energy charge for long term and medium term contracts, the RLDC shall revise the schedule on the basis of revised declared capability. The revised declared capability and the revised schedules shall become effective from the fourth time block, counting the time block in which the revision is advised by the ISGS to be the first one.]”

20. If, at any point of time, the RLDC observes that there is need for revision of the schedules in the interest of better system operation, it may do so on its own, and in such cases, the revised schedules shall become effective from the 4th time block, counting the time block in which the revised schedule is issued by the RLDC to be the first one.

21. To discourage frivolous revisions, an RLDC may, at its sole discretion, refuse to accept schedule/capability changes of less than two (2) percent of previous schedule/capability. The schedule of thermal generating stations indicating fuel shortage while intimating the Declared Capacity to the RLDC shall not be revised except in case of forced outage of generating unit.”

In view of the above, we would like to quote certain instances where the same

is not followed and schedule revisions took place deviating from the above said procedure causing a sudden imbalance in the on-going load of the Discoms

Emphasis Supplied.

Incidence of 05.08.2017

On 05.08.2017, unit no 3 of IGSTPS (Jhajjar) tripped due to Boiler Tube Leakage at 23:20 hrs.

The injection schedule and declared capacity of Jhajjar was reduced from immediate effect i.e from 23:00 hrs as per injection profile on NRLDC website Revision no. 78. Also, the schedule from Jhajjar in the State drawl schedule of Delhi was reduced from 23:00 hrs onwards from NRLDC website.

As per regulation 6.5 (18) of IEGC regulation, in case of forced outage of any generating unit, the revised schedule should be implemented from the fourth time block.

However, the downward revision was reflected from the immediate slot when tripping happened, thus resulting in BRPL overdrawing from the grid beyond limit

Members may discuss.

ITEM-14 Status of DSM Charges (Agenda by NRLDC)

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.

DSM Charges status as on 13' Nov-2017 considering week no-30 is indicated here in below:-

All figures in Rs. Lakhs

S No.	CONSTITUENTS	Deviation Charges PAYABLE/ Receivable	Deviation Delay payment Interest	Total Outstanding
1	UTTAR PRADESH	34530.67	0.00	34530.67
2	WR-NR	4869.09	0.00	4869.09
3	JAMMU AND KASHMIR	3305.84	0.00	3305.84

4	ER-NR	0.00	381.69	381.69
5	PUNJAB	274.44	0.00	274.44
6	NER-NR	0.00	213.88	213.88
7	GREENKO BUDHIL	80.18	0.00	80.18
8	HIMACHAL PRADESH	57.95	0.00	57.95
9	EPPL	12.96	0.00	12.96
10	POWERGRID-NR	11.91	0.00	11.91
11	HIMACHAL SORANG	1.20	0.14	1.34
12	SCL	-2.17	0.00	-2.17
13	DELHI	-131.16	0.00	-131.16
14	RAJASTHAN	-171.93	0.00	-171.93
15	NFL	-349.75	0.00	-349.75

Note: (+)ve figure are Payable to Pool and (-) ve figures are receivable from Pool

All payable utilities are requested to clear the outstanding's at the earliest so that, receivable parties will be paid and to avoid further increase of Delay payment Interest.

ITEM-15 Reactive Energy charges status as on 13.11.2017 (Agenda by NRLDC)

All Figures in Rs. Lakhs

SQ No.	UTILITY	OPENING BALANCE FROM PREVIOUS YEAR	AMOUNT PAYABLE TO POOL	AMOUNT RECEIVABLE FROM POOL	AMOUNT PAID TO POOL	AMOUNT DISBURSED FROM POOL	PRINCIPAL OUTSTANDING	DELAY PAYMENT INTEREST up to 2016-17
1	CHANDIGARH	-27.59	0.00	75.91	0.00	71.75	-31.75	-9.87
2	DELHI	595.61	64.11	47.43	48.87	0.00	563.42	78.32
3	HIMACHAL PRADESH	-70.79	12.97	97.63	12.97	137.45	-30.97	-19.04
4	HARYANA	-1551.90	0.00	697.14	0.00	1113.98	-1135.06	-275.18
5	JAMMU AND KASHMIR	3561.39	3049.23	0.00	4061.00	0.00	2549.62	915.02
6	PUNJAB	560.79	232.47	186.60	142.55	0.00	464.11	1.52
7	RAJASTHAN	-312.01	0.00	514.10	0.00	581.84	-244.26	-130.52
8	UTTARAKHAND	-17.77	89.70	4.53	89.70	22.27	-0.03	-1.33
9	UTTAR PRADESH	-1393.56	0.00	1825.15	0.00	2442.27	-776.44	-457.50

Note: (+)ve figure are Payable to Pool and (-)ve figures are receivable from Pool

All Payable constituents are requested to release outstanding RE charges payments at the earliest so that, receivable parties will be paid and to avoid further increase of Delay payment Interest.

ITEM-16 Congestion Charges (Agenda by NRLDC)

Congestion charge statement is being issued by NRPC. The amount received in the congestion charges account was disbursed to the receivable parties.

Outstanding amount against the entities (as on 14th Nov., 2017) is indicated here in below:-

S No.	CONSTITUENTS	Principal Congestion Charges	Congestion Charges Delay Payment Interest (NRPC Bills dated 27.07.17)	Net Outstanding Payable/ Receivable (Rs. in Lakhs)
1	UTTAR PRADESH	151.30	89.48	240.78
2	HARYANA	71.87	15.33	87.20
3	JAMMU AND KASHMIR	58.42	0.00	58.42
4	HIMACHAL PRADESH	22.45	3.07	25.52
5	PUNJAB	12.71	0.04	12.75
6	DELHI	2.26	3.06	5.32
7	GREENKO BUDHIL	3.97	0.89	4.86
8	RAILWAYS	0.18	3.11	3.29
9	RAJASTHAN	0.38	0.00	0.38
10	SJVN	0.31	0.00	0.31
11	ADHPL	0.16	0.00	0.16
12	SCL	0.04	0.00	0.04
13	NFL	-0.06	0.00	-0.06

Note: (+)ve figure are Payable to Pool and (-)ve figures are receivable from Pool

All Payable constituents are requested to release outstanding Congestion Charges payments at the earliest so that, receivable parties will be paid and to avoid further increase of Delay payment Interest.

ITEM-17 NRLDC Fee & Charges (Agenda by NRLDC)

Amount of Rs 47805 is Outstanding against Delhi (Aug-17 Part Payment) towards NRLDC Fee & Charges. It is requested to pay outstanding amount at the earliest.

NRLDC is sending the hard copies of bills to all the users regularly on monthly basis. The bills are also being mailed to all users on the day of billing and soft copies of bills are also available to the link "<https://nrlcdc.in/commercial/bill-details/>". NRLDC intends to go for paperless billing.

Members may please deliberate.

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

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)

ITEM-18 Issues of NFL (National Fertilizer Ltd.) (Agenda by NRLDC)

A meeting had been called at NRPC on 10.11.2017 in presence of NFL, BBMB, PSTCL, NRLDC and NRPC representative in order to resolve the NFL issues. Minutes of the meeting enclosed at **Annexure 18.1**

Members may deliberate.

ITEM-19 Inter State Transmission losses in NR (Agenda by NRLDC)

For injections & drawl the list of points being used for injections / drawl points along with their CT/PT ratios are uploaded in NRLDC website. The constituents are requested to check their drawl / injection points and CT/PT ratios being used. Comments/discrepancies, if any, on the same may please be communicated to NRLDC at the earliest.

ITEM-20 Status of Ancillary Services (Agenda by NRLDC)

The Status from week 01 to 31 is as herein below (All fig In Rs. Cr.):-

Week (2017-18)		Surplus in DSM A/C (A)	RRAS Billed			Amount due
			Regulation UP (B)	Regulation Down ('C)	Net (D=B- C)	
W-1	(27.03.17 - 2.04.17)	9.48	12.79	0.00	12.79	
W-2	(03.04.17-09.04.17)	17.91	11.60	0.01	11.58	
W-3	(10.04.17-16.04.17)	14.88	6.87	0.06	6.81	
W-4	(17.04.17-23.04.17)	11.51	7.72	0.01	7.71	
W-5	(24.04.17-30.04.17)	1.45	16.14	0.04	16.10	
W-6	(01.05.17-07.05.17)	18.01	22.44	0.02	22.42	
W-7	(08.05.17-14.05.17)	14.52	22.54	0.04	22.50	
W-8	(15.05.17-21.05.17)	13.01	4.39	0.32	4.07	
W-9	(22.05.17-28.05.17)	15.83	6.42	0.40	6.02	
W-10	(29.05.17-04.06.17)	11.11	7.92	0.15	7.77	
W-11	(05.06.17-11.06.17)	15.66	6.50	0.11	6.39	
W-12	(12.06.17-18.06.17)	11.04	5.91	0.35	5.56	
W-13	(19.06.17-25.06.17)	12.23	3.47	0.58	2.89	
W-14	(26.06.17-02.07.17)	11.94	5.70	0.30	5.40	
W-15	(03.07.17-09.07.17)	18.61	12.78	0.10	12.68	
W-16	(10.07.17-16.07.17)	15.53	10.99	0.21	10.78	
W-17	(17.07.17-23.07.17)	20.50	12.19	0.10	12.09	
W-18	(24.07.17- 30.07.17)	23.20	15.32	0.09	15.23	
W-19	(31.07.17-06.08.17)	21.30	21.06	0.05	21.01	
W-20	(07.08.17-13.08.17)	13.01	20.42	0.02	20.40	
W-21	(14.08.17 - 20.08.17)	13.91	10.94	0.33	10.61	
W-22	(21.08.17-27.08.17)	13.17	11.09	0.09	11.00	
W-23	(28.08.17-03.09.17)	17.44	11.93	0.01	11.93	
W-24	(04.09.17-10.09.17)	36.65	43.10	0.00	43.10	
W-25	(11.09.17-17.09.17)	30.18	65.63	0.02	65.61	45.06
W-26	(18.09.17-24.09.17)	16.41	37.30	0.37	36.93	37.30
W-27	(25.09.17-01.10.17)	19.11	45.53	0.00	45.53	45.53
W-28	(02.10.17-08.10.17)	24.77	68.20	0.00	68.20	68.20
W-29	(09.10.17-15.10.17)	18.55	66.99	0.02	66.96	66.99
W-30	(16.10.17-22.10.17)	11.02	49.82	0.00	49.82	49.82
W-31	(23.10.17-29.10.17)	14.32	31.66	0.00	31.66	31.66
Total		506.25	675.36	3.82	671.54	344.57

Amount of Rs, 320.53 Cr. and Rs. 24.04 Cr is yet to be paid to NTPC and APCPL respectively.

This is for information to the members.

ITEM-21 Reconciliation of NRLDC Fee and charges (Agenda by NRLDC)

NRLDC vide letter dated 25-10-2017 has sent the reconciliation statements of NRLDC Fee and Charges for the billing period May-17 to Jul-17 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 20.11.17. Only Railway, Chamera-III HEP, and ADHPL, reconciliation have been received.

Entities are requested to verify the Reconciliation statements and send the

duly signed copy as a normal practice. In case non receipt of any communication till 07.12.2017, it will be presumed that statement stands reconciled.

ITEM-22 Reconciliation of Deviation Account (Agenda by NRLDC)

For the period July-17 to Sep-17, NRLDC has sent the reconciliation statement of Deviation Charges accounts on 10.10.2017 and uploaded the same in its website on 10.10.2017. The constituents were requested to verify /check the same & comments if any on the same were to be reported to NRLDC by 31.10.2017. Only APCPL, Railway, NHPC and THDC reconciliation have been received.

Entities are requested to verify the Reconciliation statements and send the duly signed copy as a normal practice. In case non receipt of any communication till 07.12.2017, it will be presumed that statement stands reconciled.

ITEM-23 Reconciliation of RE Account (Agenda by NRLDC)

NRLDC has sent the reconciliation statement of RE accounts for the period Jul-17 to Sep-17, on 10.10.2017. The constituents were requested to verify /check the same & comments if any on the same to be reported to NRLDC by 31.10.2017. Only Rajasthan reconciliation has been received.

Entities are requested to verify the Reconciliation statements and send the duly signed copy as a normal practice. In case non receipt of any communication till 07.12.2017, it will be presumed that statement stands reconciled.

ITEM-24 Reconciliation of STOA Charges disbursement (Agenda by NRLDC)

NRLDC has sent the reconciliation statement of open access disbursement for the Quarter- 2 of financial year 2017-18 on 13th Oct., 2017. The applicants/STU/SLDCs were requested to verify /check the reconciliation statement & comment if any on the same by 31st Oct 2017, Only HPPTCL reconciliation has been received.

Entities are requested to verify the Reconciliation statements and send the duly signed copy as a normal practice. In case non receipt of any communication till 07.12.2017, it will be presumed that statement stands reconciled.

ITEM-25 STOA Rates of State Network in Northern Region (Agenda by NRLDC)

As on date STU charges being applied for STOA transactions are:-

S No.	Name Of Constituents	Rates in Rs / MWh
1	Punjab	1640
2	Haryana	360
3	Delhi	251.9
4	Rajasthan	299.9
5	Uttar Pradesh	162.3
6	Himachal Pradesh	20
7	Uttrakhand	125.95
8	Jammu & Kashmir *	80
9	UT Chandigarh *	80
*ST Rates not intimated to NRLDC		

This is for information please.

ITEM-26 TDS Certificates against STOA Charges (Agenda by NRLDC)

STOA charges are being deposited by the applicants in the STOA account maintained by the Nodal RLDCs. Applicants are deducting TDS in the PAN of POWERGRID for POC Charges and in the PAN of POSOCO for STU/ SLDC/ RLDC charges. The major portion of bilateral transaction charges pertains to CTU (POWERGRID), STUs & SLDCs as compared to RLDCs operating charges.

As such applicants have been requested vide letter ref no: POSOCO/NRLDC/2017/1084-1131 dt: 21.09.17 to deduct TDS in PAN of concerned POC Charges (POWERGRID PAN), STU/SLDC Charges (concerned STU/SLDC PAN) & operating charges / application fee (POSOCO PAN) for approvals issued on and after 1st October-2017. Applicants have started deducting the TDS accordingly. Applicants are also requested to submit the TDS details Monthly & Quarterly in the prescribed formats which are available on NRLDC website.

Members may deliberate.

ITEM-27 TDS Reconciliation (Agenda by NRLDC)

TDS verification for FY 2010-11 to FY 2015-16 have been done by NRLDC. After Verification of TDS from Form-26AS, following applicants have been requested to pay the short deposited TDS amount in NRLDC STOA account:

Sl. No.	FY	Name of Applicant	Amount to be Deposited (Rs)	Action Taken by NRLDC
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1	2012-13	NDPL	29,719	Letters regarding TDS Default were issued on dt: 20.03.17 and dt:01.08.17
2	2013-14	HNGIL	3,25,136	Letters regarding TDS Default were issued on dt: 20.03.17 and dt:01.08.17
3	2013-14	RPPC	24,67,720	**Amount retained in Truing-up of NRLDC Fees and charges of FY-16-17
4	2015-16	Provestment	6,318	Letters regarding TDS Default were issued on dt: 20.03.17 and dt:01.08.17

** NRLDC has retained the amount after issuing the Letters regarding TDS Default on dt: 20.03.17 and dt: 01.08.17.

Members may deliberate.

ITEM-28 Status of Outstanding STOA Delay Payment Interest (Agenda by NRLDC)

As per Regulations 19(2) of Open Access Inter State Regulations 2008, the person committing default in payment shall pay simple interest @ of 0.04% for each day of default. The applicant wise the outstanding interest amount (computed till 30.06.2017) is:

Applicant Name	Outstanding Interest upto 31st March-2016	Outstanding Interest for FY -16-17	Outstanding Interest for FY -17-18 for Q-1	Total Outstanding Interest	Action Taken
Provestment	43613	0	0	43613	Punching of Application Portal Blocked
RPPC	2502273	0	0	2502273	Punching of Application Portal Blocked
Total	2545886	0	0	2545886	

Members may deliberate.

ITEM-29 Information of Deviation/reactive payment in NR pool account (Agenda by NRLDC)

The matter regarding furnishing of information of Deviation/reactive payment in NR pool account is being deliberated in commercial Sub-committee meetings. NTPC, Railways, SJVNL HBPCCL (KWHPS) & AD Hydro are informing the details **Rest of the NR pool members (payable) are again**

requested to intimate the details of payment being made by them in the format given below:

Email account:

Nrpool2010@gmail.com

S. No	Name of Utility	Amount	Deviation/Reactive account Week No	Date	Transaction Id	Mode of Payment

ITEM-30 Status of AMR (Agenda by NRLDC)

The status of data receipt from the locations as below:

- a) LOA dt. 15.02.2012, awarded to M/S Kalkitech by POWERGRID for 1250 SEM's / 220 locations.
- b) SAT for Phase-I with 1269 SEM's /200 locations SAT completed on 31.03.2017.
- c) Out of 200 locations, Data for 149 locations is being received at NRLDC.
- d) Issues for non-receipt of data for 52 locations
 - i. Replacement /additions of Meters with Elster make, 15 locations of phase-I and one location of phase-II (Protocol for Elster to be shared) (List as **Annexure-30.1**)
 - ii. Communication issues 36 locations (Low signal strength / commercial issue, possibility for OPGW). (List as annexure-IIb)
 - iii. Around 785 Meters without RS485, ORU of the SEM's sometimes removed /not placed properly.
 - iv. Phase-II 100 Locations (includes 12 locations of Phase-I)/ 550 SEM's awarded to M/s. Kalkitech on 21.12.2016.
- e) Data of 10 Locations of Phase-II also being received at NRLDC.

After the phase-wise completion of SAT for the locations commissioned, some of the utilities have been asked to discontinue the sending of the weekly SEM data through mail. However, in case of an emergency or communication failure, as the case may be, the utilities may download the data through DCD and send it by mail. As such DCD is required to be kept in charged condition.

Members may deliberate.

ITEM-31 Issues in recording by Interface Meters (Agenda by NRLDC)

Sl. No.	Meter No./Code	Element Name	Station/Utility	Issue	Remarks(if any)

1	NP-6668-A	132kV Rajghat at Lalitpur-UPPTCL	UPPTCL	Meter data not being received	Line normally not in service. Pending issue since last meeting.
2	NP-1532-A	132kV Morwa at Anpara-UPPTCL	UPPTCL	Meter data not being received	Line normally not in service. Pending issue since last meeting.
3					
4	NP-1690-A	132kV Khatima at Pilibhit-UPPTCL	UPPTCL	Polarity Problem	Connection needs to be reversed by Pilibhit-UPPTCL
5	NP-1652-A	132kV Sitarganj at Pilibhit-UPPTCL	UP/PG	Meter data remains incomplete.	Matter reported to CTU/NR-1 for meter replacement.
6	NP-1585-A	220kV NAPS-1 at Dibai-UPPTCL	UP/PG	Meter data not received.	NAPS-Khurja LILO at Dibai-UP. Meter to be shifted to Dibai-UPPCL/CTU has been informed.
7	NP-1792-A	132kV Thakurdwara at Mahuakheraganj	UPPTCL	Meter data not being received	Meter to be replaced by CTU
8	NP-1272-A	220kV Unchahar-2 at Fatehpur-UPPCL	UPPTCL	Meter data not being received	No display in meter/Meter to be replaced by CTU/Matter intimated to NR-3
9	NP-1796-A	132kV Kalagarh at Afzalgarh-UPPCL	UPPTCL	Polarity Opposite	Connection needs to be reversed by UPPTCL
10	NP-1294-A	132kV Singrauli at Renusagar-RTPS-UPPCL	UPPTCL	Meter data not being received	No display in meter/Meter to be replaced by CTU/Matter intimated to NR-3
11	NP-8042-A	220kV Anta-2 at Lalsot-RVPNL	RVPNL	Meter data not being received	DCD/MRI and requisite software to be provided by PG.
12	NP-1192-A	220/132kV ICT-1(220kV)-100MVA,BHEL at S'madhopr-RVPNL	RVPNL	Meter reading 2/3	CT/PT ratio details to be checked by Sawaimadhopr-RVPNL
13	NP-3040-A	220kV BTPS at MIA-RVPNL	RVPNL	No display in meter	Meter to be replaced by CTU
14	NP-8569-A	400kV Uri-II at Uri-I	NHPC	Meter reading zero	To be replaced by PG. Pending issue since last meeting.
15	NP-8171-A	220Kv Side ICT-1 (33/220) at Unchahar solar	NTPC	Polarity Issue	Polarity to be reversed
16	NP-7005-A	ICT-1 (400 kV) at Sonapat-PG	PG	Meter reading 1/3	CT/PT Connections to be checked.
17	NP-3027-A	ICT-4 (400 kV) at Mandola-PG	PG	Meter reading 1/3	CT/PT Connections to be checked.
18	NP-1349-A	220/132kV ICT-2(220kV) at Hissar-BBMB	BBMB	Meter is reading half.	CT/PT Connections to be checked/Issue to be rectified by BBMB.
19	NP-1399-A	220kV Govindgarh-1 at MISS Ganguwal-	BBMB	Meter is not functioning as informed by BBMB	Meter to be replaced by CTU/Matter intimated to NR-2

		BBMB			
20	NR-3232-A	220kV Jamsher-2 at Jalandhar- BBMB	BBMB	Meter is reading less	CT/PT Connections to be checked/Issue to be rectified by BBMB.
21	NP-1201- A	220kV CBGunj-1 at Tanakpur HPS	NHPC	Meter reading zero for both Main and Check	Meters to be replaced by CTU/Matter intimated to NR- 2
22	NP-8584-A	33 kV SEWA- III(J&K PDD) at SEWA-II	NHPC	Meter data not being received	Issue pending since last meeting
23	NP-1114-A	220 kV Sec 62 Noida-UPPCL at Ghaziipur-DTL	DTL	Meter data not received	Meter to be replaced by NR-I
24	NP-5475-A	220 kV Ganguwal-1 at Bhari- PSEB	PSTCL	Meter has been shifted from Majra	Data is not sent by Bhari PSTCL
25	NP-1563-A	220 kV Ganguwal-1 at Majra-PSEB	PSTCL	Polarity Opposite	Connection needs to be reversed by Majra-PSPCL
26	NP-1861-A	ICT-1 (132 kV) at Udampur- PDD	PDD, J&K	Meter is reading zero	CT/PT Connections need to be checked.
27	NP-5478-A	400 kV Kishenpur-PG-2 at Baglihar	PDD, J&K	Meter data not received	Baglihar, PDD,J&K intimated that meter needs to be replaced by PG and software needs to be provided
28	NP-8260-A	400 kV Allahabad(PG)-I at Meja-UPPCL	UPPCL	Meter data not being received	Meter data not sent by site
29	NP-8261-A	400 kV Allahabad(PG)-2 at Meja-UPPCL	UPPCL	Meter data not being received	Meter data not sent by site
30		220kV Jammu-1 at Salal HPS	PG/NR-2	New Meter Installation	Meters to be installed at Jammu end
31		220kV Jammu-2 at Salal HPS	PG/NR-2	New Meter Installation	Meters to be installed at Jammu end
32		NFL,Naya Nangal	PG/NR-2	New Meter Installation	Meters to be installed on both HV/LV sides
33		Ganguwal HEP/BBMB	PG/NR-2	New Meter Installation	Meters to be installed on both HV/LV sides of 33/11 kV ICT
34		Ramban,PDD/J &K	PG/NR-2	New Meter Installation	Meters to be installed on 220 kV Kishenpur-Ramban-I & II

CTU has been advised to install the SEM's on BBMB irrigation feeders (as per **Annexure-31.1**) vide mail dated 21.03.2017, CTU is requested to update the status.

Members may discuss.

ITEM-32 Utilities yet to Nominate Nodal officers for Interface Meter Issues (Agenda by NRLDC)

- a. UPJVNL(Rihand, Khara)
- b. Punjab
- c. PDD, JAMMU
- d. NPCIL

Concerned utilities may respond.

ITEM-33 Locations not sending Interface Meter data by Tuesday during last four weeks (Agenda by NRLDC)

- a) UPPTCL : Fatehpur
- b) UPJVNL : Rihand HEP, Chibro
- c) RRVPNL : Ratangarh, Chirawa
- d) PDD : PDD Jammu
- e) PSTCL : Shanan, Kangra, Ranjeet Sagar, Rajpura
- f) PGCIL : Jalandhar, Amritsar, Varanasi, Kurukshetra, New wanpoo, Jaipur, Kotputli, Meerut PG
- g) NHPC : Dulhasti, Uri-II,
- h) PTCUL : Srinagar
- i) HPPCL : Sainj

As per CERC Regulations Interface Meter data is to be received by Tuesday (A/N).The above lists the sites where data delay has 2 days or more. In case of non-receipt of same, processing and validation will be carried out by NRLDC by using other end data.

Members may discuss.

ITEM-34 Implementation of Deviation Charges on 5MW NTPC Solar PV Power plant, Faridabad line with Hon'ble CERC (second amendment), Regulation, 2015 for deviation settlement mechanism for solar or wind generators notification dated 07.08.2015 w.e.f. 1st November, 2015 (Agenda By HVPNL)

Hon'ble CERC notified the "CERC (second amendment), Regulation, 2015 for deviation settlement mechanism for solar or wind generators" on dated 07.08.2015 to be implemented w.e.f 01.11.2015.

NTPC's 5MW Solar PV Power plant, village-Jhajru, Faridabad, Haryana is selling the power to Odisha state falling in Eastern Region through long term open access and the said regulation is to be implemented on the plant.

However, NTPC denied quoting) that since the 5MW NTPC Solar PV Power Plant is not a regional entity (whose scheduling is being done by RLDC) as its scheduling is being done by Haryana SLDC, CERC (second amendment), Regulation, 2015 for deviation settlement mechanism for solar or wind generators notification dated 07.08.2015 would not be applicable on the plant.

As per the connectivity Long term access (LTA) meeting held on 23.12.2013 at NRPC, New Delhi (relevant extract of the minutes of the meeting enclosed at **Annexure-34.1**), said Solar power is pooled at 33kV & further connected through the existing electrical system of 220 kV Faridabad Gas power station. Accordingly, no transmission system was proposed for connectivity for 5MW and decided that as lead generator NTPC Faridabad gas power station (Intra State Entity) is under the control area of Haryana, the metering & communication for the solar PV power plant shall be remain under the purview of Haryana and its scheduling is to be done by Haryana SLDC.

Haryana has the view that at the time of Long term access (LTA) meeting which was held on 23.12.2013, there were no provisions of deviation charges for solar power plants resulting no financial implication on Haryana due to under injection etc. as the payment of the units generated by the plant was only on the actual generation but after implementation of DSM w.e.f 01.11.2015 and merely because the lead generator NTPC Faridabad gas power station (intra State entity) is under the control area of Haryana, SLDC Haryana control the scheduling of 5MW NTPC Solar PV power plant and provide the same to NRLDC for its final implementation. The plea of NTPC that since its scheduling is being done by Haryana SLDC the deviation charges shall not be applicable on 5MW NTPC Solar PV Power Plant is not in line with regulation as the transaction is of interstate/interregional route and power flows with the consent of NRLDC/ERLDC and its final scheduling is being done by RLDC, consequently the deviation settlement mechanism shall be applicable on 5MW NTPC Solar PV Power Plant.

Also, State Commission, HERC have not notified any DSM settlement mechanism for solar or wind generators.

Member may deliberate.

DATE AND TIME OF THE NEXT MEETING

The date and venue of next (35th) meeting of the Commercial Sub-committee will be intimated later.

Annexure-1.1**Heat Rate Proposed by NTPC for gas stations**

Station	Anta (Norm-2075)		Auraiya (Norm-2100)		Dadri (Norm-2000)		Faridabad (Norm-1975)	
	Full Module as per HBD	Half Module	Full Module as per HBD	Half Module	Full Module as per HBD	Half Module	Full Module as per HBD	Half Module
55	2193	2335	2379	2415	2210	2232	2106	2250
60	2153	2270	2266	2340	2167	2187	2075	2195
65	2107	2219	2203	2277	2127	2141	2045	2146
70	2070	2165	2155	2244	2093	2096	2013	2096
75	2034	2120	2112	2208	2064	2050	1986	2048
80	2006	2080	2073	2170	2039	2011	1964	2009
85	1995	2055	2057	2146	2019	1989	1939	1985

Annexure-4.1

Procedure and Timelines for Freezing of Regulatory Accounts issued by NRPC

1. The objective of finalisation and freezing of accounts within specific time limits is to create/streamline mechanisms of verification, checking, and input data submission etc. of stakeholders so that it is done in a time bound manner by all concerned.
2. The following Regulatory accounts are being issued by NRPC secretariat based on the NRLDC /NLDC input data:
 - i. Regional Energy Account.
 - ii. Regional Transmission Account.
 - iii. Regional Transmission Deviation Account.
 - iv. Deviation Settlement Account
 - v. Reactive Energy Account.
 - vi. Ancillary Services Account (RRAS Account).
 - vii. Congestion Charge Account.
 - viii. Interest Statements of accounts.
3. Any revision request of schedule data, meter/actual data, and data for bilateral exchange, LTA, MTOA, STOA etc. may be done within 15 days from the date of issuance of the account (D). After (D+15)th day, the data will be considered as final and after this date no revision of data will be accepted. All Input data used in the preparation of accounts shall be frozen after (D+15)th day.
4. The input data shall inter alia include the following:
 - i. Special energy meter/ Interface meter data of NRLDC.
 - ii. Schedule data of NRLDC consisting of inter-regional schedules, long term, medium term, short term, power exchange and transmission loss data etc.
 - iii. CT/PT ratio data as available on NRLDC website. Any discrepancy shall be communicated to NRLDC immediately otherwise CT/PT ratio given at NRLDC website shall be treated as verified and correct and no correspondence on this issue shall be entertained. Therefore, utilities submitting this data must ensure they have mechanisms in their organization that ensures any change in CT/PT is promptly conveyed to NRLDC separately. These utilities are responsible in case they fail to inform the changes in time and accounts get closed.

- iv. It is the responsibility of the utility concerned to ensure that the time drift is within permissible limit and where ever, the drift is beyond the permissible limit, the same shall be corrected immediately.
 - v. Approved Injection/withdrawal and PoC slab rate submitted by NLDC.
5. The following timelines shall be followed for the issuance and verification of accounts and input data:

For Weekly & Monthly Accounts:

- All the concerned entities shall verify the data and correctness of the accounts, in all respects. All errors pertaining to the input data shall be intimated to respective nodal agency i.e. NLDC or NRLDC, as the case may be, within 15 days of issuance of the account.
 - If there is any change/revision in input data, then NLDC/NRLDC shall intimate NRPC Secretariat, after receipt of revision request from entities. NLDC/NRLDC shall submit revised/amended data within 7 days after closer of revision request window i.e. within $(D+15+7)^{th}$ days. NLDC/NRLDC shall endeavour to develop a mechanism to generate a unique revision request ID for each and every revision request. So that systematic disposal of issues can be ensured.
 - After the receipt of revised data from NLDC/NRLDC, NRPC Secretariat shall issue the final account within 7 days i.e. $(D+15+7+7)^{th}$ day (say D_{final}).
 - In case of error in account except due to input data (incomplete/erroneous data), the concerned entity shall intimate NRPC Secretariat within $D+15$ days. NRPC Secretariat shall issue the revised account within 14 days i.e. by D_{final} .
 - This final account will be opened for analysis by the concerned entities for 15 days, only for any error in preparation of account. However, no revision of input data shall be considered during this period. NRPC Secretariat shall issue revised account in case any error is reported, within 4 working days of closing of this window or along with the next account. If no comment is received, then the account will be considered as final and frozen on $(D_{final} + 15^{th})$ day. No revision due to any reason except due to any legal/regulatory changes will be made once the account is frozen.
6. For quarterly interest statements, the revision request window will be open for 15 days from issuance of the statement. Rest of the timelines will remain same as mentioned above.
7. All entities should ensure the verification of their input data and accounts within the time limit as described above and inform immediately to NRPC secretariat/ NRLDC/ NLDC, as the case may be, for any discrepancy.
8. It is the responsibility of every entity to check the correctness of data used in accounting and also point out errors in the accounts/statements if any. In case

no representation is received from any entity for the input data and calculation of regulatory accounts before the finalisation of accounts, the input data and regulatory accounts issued shall be deemed as correct/ verified and closed.

9. No correspondence to reopen the accounts shall be entertained once the accounts have been freezed, except in case of regulatory and judicial directions.

Annexure-6.1

Minutes of the meeting to resolve the issues of NFL held on 10.11.2017 at NRPC Secretariat, New Delhi

Meeting to resolve the issues of NFL was held on 10.11.2017 at NRPC, New Delhi. List of Participants is enclosed as **Annexure-I**.

Shri. H. K. Pandey, Superintending Engineer (C), NRPC has briefed about the issues of NFL. He mentioned that in order to resolve the issues of NFL, several meetings had already been held, wherein it was inter-alia decided that NFL would become a regional entity (RE). However, NFL has not registered as regional entity, till date. In the recent meetings held on 27th & 28th Oct., 2017, TCC and NRPC expressed concern about the long pending issues and directed NRPC sectt. & NRLDC to call meeting with all concerned for early resolution of the issues related to NFL.

In this meeting, the issues were deliberated in details and following decisions were taken:

1. It was clarified that NFL is being treated as regional entity w.e.f. 01.06.2016, as it has allocation from Bhakra- Nangal Hydro project of BBMB and NFL has to register as a regional entity. It was clarified that non-registration by NFL amounts to non-compliance of CERC Regulations. In case, NFL does not register as regional entity, NRLDC may take further course of action in this regard. NRLDC advised NFL to get registered as regional entity latest by 15.12.2017 and complete all formalities viz. deposition of registration fees along with filling of mandatory forms. NFL was requested to clear all the dues of NRLDC fees and charges. NFL representative stated that the matter is already under consideration of NFL higher management and the formalities for registration with NRLDC would be completed by Dec., 2017.
2. On metering related issues at NFL end, it was decided that Special Energy Meter (SEM) at BBMB load point (bonafide factory supply and Colony/Associated services of NFL old unit group of plants) would be installed by CTU. NFL representative informed that installation of CT/CVT for SEM, would be done by them. He stated that the same would be possible during the annual maintenance of the plant anticipated in March/April, 2019. He assured that NFL will inform NRLDC about installation of CT/CVT, so that NRLDC can take-up meter installation issue with CTU. NFL was requested to complete the CT/CVT installation, at the earliest possible so that proper metering arrangements can be made.
3. Till the SEM is installed at BBMB load point (old unit group of plants) at NFL end, as an interim arrangement, it was decided that SEM at HV side of 66/11kV transformers at NFL Expansion Plant (consumer of PSPCL) would be installed by CTU. NFL representative informed that at these locations,

presently PSPCL meters are installed and the same are in process of replacement by SEM meters. It was also decided that NRPC Sectt. will take up with PSPCL for using the SEMs to be installed by CTU by PSPCL also, instead of different SEMs for PSPCL and BBMB . Further, data from the meters will be collected by NFL on weekly basis and will be shared with NRLDC, PSPCL and BBMB as per Metering Regulation of CEA.

4. Regarding RTDA it was deliberated that the issue of inclusion of transmission charges of BBMB assets under PoC mechanism is already under consideration of CERC. Till the decision by CERC, it was decided that all the transmission related accounts of NFL would be kept in abeyance.
5. Representative from NFL sought clarification regarding any status change with PSPCL as consumer after getting registered as RE. It was clarified that there would not be any change regarding the same.
6. During the meeting, it was also clarified that payable/receivable amount under DSM account and transmission charges account are independent accounts and amount for the same shall be settled, separately.
7. It was also agreed that NFL will start giving 15 Minutes block wise day ahead drawal schedule from Bhakra- Nangal Hydro Electric Project to NRLDC and BBMB as per the provisions in Indian Electricity Grid Code (IEGC) as amended from time to time.

Annexure-I

List of Participants of the meeting to resolve NFL issues on 10.11.217 at NRPC, New Delhi

S.No.	Name of Officer	Designation	Organisation	Contact No.	E-mail
1.	H.K.Pandey	SE	NRPC	011 26868681	sec-nrpc@nic.in
2.	Ratnesh Kumar	EE(C)	NRPC		
3.	Manish Maurya	AE(C)	NRPC		
4.	S.K. Sarwal	ASE/PR	PSPCL	9646123334	sarwalsk@gmail.com
5.	Sachin Panwer	J.E.	NRLDC, POSOCO	9971110622	sachinpnwr3@gmail.com
6.	P. Thendral	Engineer	NRLDC, POSOCO	9599683573	thendral16@gmail.com
7.	H.K.Chawla	DGM	NRLDC, POSOCO	9650074803	hkchawla12@gmail.com
8.	Anil Gautam	Director(Power Regulation)	BBMB	9417216047	dirpr@bbmb.nic.in
9.	Sanjay Sidana	Asst. Director Commercial	BBMB	9417216761	adcomm@bbmb.nic.in
10.	RBJ Gautam	CM(Elect.)	NFL	8950020215	rbjgautam@nfl.com

Annexure-8.1**Combined Outstanding (NJHPS & RHPS) as on 09-11-17**

Sr. No.	Name of Beneficiary	Principal Amount already due (> 60 days)	LPS already due > 60 Days	Total
A	B	C	D	E=C+D
1	U.T.Chandigarh	-	-	-
2	BRPL	-	-	-
3	BYPL	782,825,640	664,721,021	1,447,546,661
4	TDDPL	-	-	-
5	HPPC	-	15,878	15,878
6	HPSEB Ltd.	65,830,979	101,551,016	167,381,995
7	Govt. of HP & a/c HPSEB	2,697,573,579	2,896,577,545	5,594,151,124
8	J&K	1,524,782,996	30,848,144	1,555,631,140
9	PSPCL	152,265,911	52,618,198	204,884,109
10	UPPCL	909,256,560	1,101,708,207	2,010,964,767
11	UPCL	-	395,939	395,939
12	Ajmer VVNL	21,394,346	-	21,394,346
13	Jaipur VVNL	-	-	-
14	Jodhpur VVNL	17,682,133	-	17,682,133
15	DTL(Arrears 2004-08)	-	108,980,486	108,980,486
	Grand Total	6,171,612,144	4,957,416,434	11,129,028,578
	Total Outstanding Payment (Crores)	617.16	495.74	1,112.90

Annexure-9.1**Status of LC against Deviation Charges delayed payment**

Sl. No	Name of NR Pool members	LC Amount (Rs. in Lakh.)	Status	No of defaults in Deviation Payment in 2016-17	No of defaults in Deviation Payment in 2017-18 Considering Week-30
1	UPPCL,UP	2277.24	LC not opened	42	29
2	UPCL, UTTARAKHAND	183.34	LC not opened	2	1
3	HPSEB, Himachal	844.64	LC opened of Rs. 78.55 Lakh against request of Rs. 844.64 Lakhs	41	15
4	PDD,J&K	1230.35	LC not opened	30	22
5	EPPL	3.39	LC opened	37	17
6	Greenko, Budhil	54.22	LC not opened	30	8
7	Punjab	615.03	LC not opened	14	15
8	UT Chandigarh	69.53	LC not opened	16	NIL
9	Rajasthan	311.73	LC not opened	4	NIL
10	APCL	51.28	LC not opened	2	NIL
11	BBMB	24.23	LC not opened	1	NIL
12	NHPC	306.88	LC not opened	1	NIL
13	PGCIL	8.75	LC not opened	NIL	9
14	HPPCL	1.15	LC not opened	NIL	1

Annexure-30.1**Number of locations for which SAT has been completed but data is not being received in full due to Replacement /additions of Meters with Elster make**

S. No.	Location/ Substation	State	Ownership	Responsibility for meter data transfer	Awarded in Phase 1/2	Reason for non-reporting of Data through AMR (Not integration of Elster meters)
1	GURGAON	NCR	PGCIL	PGCIL	1	4 Extra SEMs installed, Need to integrate.
2	MAHARANIBAGH	NCR	PGCIL	PGCIL	1	SEM Shutdown
3	MAINPURI	UP	PGCIL	PGCIL	1	SEM Shutdown
4	BAMNAULI	NCR	DTL	DTL	1	2 SEMs replaced with Elster SEMs.
5	CHIRAWA 220KV	RJ	RRVPLN	RRVPLN	1	Elster meter not Integrated
6	GOVINDGARH	PB	PSEB	PSEB	1	Shifted to Bhari (LILO)
7	GANGUWAL HEP	PB	BBMB	BBMB	1	Elster meter not Integrated
8	PANKI 220KV UPPCL	UP	UPPCL	UPPCL	1	Shifted to Raniya(LILO)
9	JALANDHAR BBMB	PB	BBMB	BBMB	1	Elster SEMs
10	UNCHAHAHAR NTPC	UP	NTPC	NTPC	1	Elster meter not Integrated
11	BHILWARA RRVPLN	RJ	RRVPLN	RRVPLN	1	2 SEMs replaced with Elster SEMs. 1 ICU/ORU misplacement.
12	CHAMERA 3 NHPC	HP	NHPC	NHPC	1	SIM/DCU issue and 1 Elster SEM
13	PATIALA PGCIL	PB	PGCIL	PGCIL	1	Elster SEM
14	AURAIYA NTPC	UP	NTPC	NTPC	1	Elster meter not Integrated
15	KISHENPUR	JK	PGCIL	PGCIL	1	Elster meter not Integrated
16	LUCKNOWPG(400 & 765 kV)	UP	PGCIL	PGCIL	2	Elster SEM not Integrated
16	PATHANKOT PSEB	2				

Annexure-31.1**IRRIGATION WING CONSUMPTION FEEDER DETAILS AND CONTACT DETAILS.**

S. No.	Description	Voltage level (in kV)	Concerned officer	Contact No.
1	11 KV SUPPLY TO BHAKRA T-I FEEDER (1003)	11	PM &T (Sub Divn.) Bhakra Dam BBMB, Nangal	SDO-9646013088 (BBMB)
2	11 KV SUPPLY TO BHAKRA T-II FEEDER (1803)	11		
3	3.3 KV SUPPLY TO I.W. FOR DAM FROM BH-I	3.3		
4	a) 3.3 KV SUPPLY TO I.W. FOR DAM FROM BH-II	3.3		
	b) EB-15 (At Dam)	3.3		
	c) EB-18 (At Dam)	3.3		
5	11 KV SUPPLY TO I.W. FROM BH- NANGAL I	11	-do-	SDO-9646013088
6	11KV SUPPLY TO I.W. FROM BH- NANGAL II	11		
7	11KV SUPPLY TO I.W. FROM BH- NANGAL III	11		
8	11KV SUPPLY TO I.W. FROM BH- NANGAL IV	11		
9	11KV SUPPLY TO KOTLA FROM KIRATPUR	11	Asstt. Engineer/Elect. Sub Divn. HPSEB,Kotla . And SDO, TL (DG) Sub Division, BBMB, Ganguwal.	8872982059 (HPSEB)
10	SUPPLY AT SLAPPER	11	Asstt. Engineer/Elect. Sub Divn. HPSEB,Slapper (HP) and SDO, Commercial/sub division, BBMB, Slapper Div., Slapper	1907-286523, 9418486767 (JE)(HPSEB) and 9816093631(JE) (BBMB)
11	SUPPLY AT PANDOH	11	Asstt. Engineer/Elect. Sub Divn. HPSEB,Pandoh (HP). SDO (Comml), BBMB, Pandoh.	01905- 282065,09418131022(SDO)
12	SUPPLY AT SUNDERNAGAR	11	Asstt. Engineer/Elect. Sub Divn. HPSEB,Sunder Nagar (HP) SDO (Comml) Sub Division, BBMB, Sunder Nagar.	01907-262356, 9816526841 (JE), & 9418- 159827 (Xen) (HPSEB)
13	BHAKRA RIGHT BANK WORKS SUPPLY TO GHAMROLLA	11	Asstt. Engineer/Elect. Sub Divn. No. 1, HPSEB,Billaspur	01978-222403 (HPSEB)

			(HP)	
14	4 MVA TRANSFORMER I.W.	11	Sr. Executive Engineer, Pong Power House, BBMB, Talwara.	01883-236103, 236152 (BBMB)
15	ENERGY TRANSMITTED TO I.W. THROUGH PONG DAM FEEDER	11		
16	CONSUMPTION THROUGH UHA -I/II(52-H) breaker (I.W.consumption)	11		
17	33 KV MIRTHAL – TALWARA	33	Sub Station Engineer- Grid Maintenance, PSPCL, Sujapur and SDO,PM&T (sub Div.),BBMB,Talwara	9646113863 (PSPCL) and 9780029725 (BBMB)
18	IRRIGATION WING THROUGH 66KV PSEB CKT-I	66	Sub Station Engineer, 66 kV Grid Sub Station, PSPCL, Talwara. And Addl. SE/Op, PPH, BBMB (PW), Talwara.	9646116799
19	IRRIGATION WING THROUGH 66KV PSEB CKT-II	66		

Annexure-34.1

Connectivity & LTA to Faridabad Solar PV (5 MW) Plant of M/s NTPC Ltd. in Haryana.

1.1. POWERGRID informed that the connectivity and LTA for Faridabad Solar PV Plant (5 MW) located at Faridabad Gas Based Generation project in Haryana to GRIDCO Ltd., Odisha in ER was discussed in the last Connectivity/LTA meeting. As per the connectivity application, the Solar power is pooled at 33kV & further connected through the existing electrical system of 220 kV Faridabad generating station. Accordingly, no transmission system was proposed for connectivity for 5MW.

1.2. Regarding connectivity of the Faridabad Solar PV project CTU informed that the transmission lines emanating from existing Faridabad generating station are owned by POWERGRID and are ISTS lines hence connectivity to the Solar project can be granted by the CTU. However, presently the Faridabad Gas generating station, which is the lead generator for Faridabad Solar Generation is an intrastate entity and scheduling/ metering etc for the lead generator is done by the State. CTU further proposed to grant the connectivity to 5 MW solar project, however the connection agreement shall be signed in coordination with HVPNL so that the issues of communication, metering etc are addressed. All the constituents including HVPNL agreed to the proposal.

1.3. NTPC insisted that the scheduling must be through NRLDC. The matter was discussed & agreed that as the Solar Plant at Faridabad is embedded in the Haryana Transmission System, its scheduling shall also be done by Haryana SLDC in accordance with the provisions of relevant regulations.

1.4. After the discussions, it was agreed that Connectivity for 5 MWp from Faridabad Solar PV Plant of M/s NTPC Ltd. shall be granted through existing system subject to:

_ Under ISTS 2 nos. of 220 kV D/c lines, one D/c line towards 220 kV Samaypur Substation of BBMB and other line towards 220 kV Palla S/S of HVPNL is available from Faridabad 220kV switchyard. Further LILO of one circuit of 220 kV A5-A4 D/c line at Faridabad generating station by HVPNL has been approved in the 31st standing committee meeting.

_ Presently metering & communication is under the purview of Haryana, as Lead generator is under the control area of Haryana.

_ No new equipment is to be installed by CTU.

_ Additional meters to be installed by Haryana.

_ Connection agreement is to be signed in coordination with HVPNL.

_ Connectivity is subject to all applicable conditions as listed in **Annexure-A**.

1.5. CTU further stated that M/s NTPC Ltd. has also applied for Long term Access (on behalf of GRIDCO) for transfer of 5MW power from Faridabad Solar PV Plant (5

MWp) to GRIDCO Limited, Odisha in Eastern Region. LTA has been sought w.e.f. 1/12/2013 upto 1/12/2038.

1.6. COO, CTU stated that existing Faridabad generation is a NTPC generation and entire power is allocated to Haryana and power from Faridabad generation project is being scheduled by Haryana. It was deliberated that as the lead generator is an intra state entity therefore the Faridabad Solar PV would also be the intra-state entity. Accordingly NTPC shall have to submit the NOC from state utility as per the approved Detailed Procedure on grant of Connectivity, Long-term Access & Medium-term Open Access.

1.7. POWERGRID stated that as per 'Detailed Procedures of Central Transmission Utility under Regulation 27 (1) of the Central Electricity Regulatory Commission (Grant of Connectivity, Long-term Access and Medium-term Open Access in inter-State Transmission and related matters) Regulations, 2009'.

“In case an intra-State entity is applying for LTA, concurrence of concerned State Transmission Utilities of states having injection and drawl points shall be obtained in advance in the prescribed format [FORMAT-LTA-3] and attached with the application”

1.8. LTA is proposed to be granted to NTPC Faridabad Solar project as margins are available subject to that NTPC shall submit the NOC from State Utility as per the approved Detailed Procedure on grant of Connectivity, Long-term Access & Medium-term Open Access. Its control area & scheduling would be as per IEGC & other relevant regulations in this regard.

1.9. Long Term Access for 5 MWp solar power from Faridabad Solar PV Plant of M/s NTPC Ltd. was agreed to be granted subject to:

- _ Grant of Connectivity.
- _ Submission of NOC from State utility as per the approved Detailed Procedure on grant of Connectivity, Long-term Access & Medium-term Open Access.
- _ Signing of requisite Long Term Access Agreement and TSA for payment of the transmission system charges, as applicable, by GRIDCO Limited in case of firm PPA with GRIDCO is available or by NTPC Ltd in case PPA is not available.
- _ All Connectivity and LTA conditions are applicable.

Annexure-A

Connectivity:

- _ The applicant shall abide by all provisions of the Electricity Act, 2003, CERC (Grant of Connectivity, Long-term Access and Medium-term Open Access in inter-State transmission and related matters) Regulations, 2009, Central Electricity

Authority (Technical Standards for connectivity to the Grid) and Indian Electricity Grid Code as amended from time to time.

_ The connectivity shall be as per the Detailed Procedures of Central Transmission Utility (POWERGRID) for Grant of Connectivity, Long-term Access and Medium term

_ The applicant shall furnish additional details for signing Connection Agreement for the same and would sign the Connection Agreement as per the provisions of Connectivity.

_ As agreed in 30th Standing committee meeting 50 MVAR bus reactor would be provided by all the generators having capacity of more than 100 MW and 80 MVAR bus reactor would be provided by all the generators having capacity of more than 300 MW.