



भारत सरकार Government of India

विद्युत मंत्रालय Ministry of Power

उत्तर पूर्वी क्षेत्रीय विद्युत समिति

North Eastern Regional Power Committee

एन ई आर पी सी कॉम्प्लेक्स, डोंग पारमाओ, लापालाङ, शिल्लोंग-७९३००६, मेघालय

NERPC Complex, Dong Parmaw, Lapalang, Shillong - 793006, Meghalaya



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No.: NERPC/COM/CC_Min/2015/4888-927

Dated: 25th March 2015

To

1. Director (Distribution), MeECL, Lumjingshai, Short Round Road, Shillong – 793 001
2. Director (Transmission), MeECL, Lumjingshai, Short Round Road, Shillong – 793 001
3. Engineer-in-Chief (P&E), Department of Power, Govt. of Mizoram, Khatla, Aizawl – 796 001
4. Chief Engineer (WE Zone), Department of Power, Govt. of Arunachal Pradesh, Itanagar - 791 111
5. MD, APDCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
6. MD, AEGCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
7. MD, APGCL, Bijuli Bhawan, Paltan Bazar, Guwahati-781 001
8. Managing Director, MSPDCL, Keishampat, Imphal – 795 001
9. Managing Director, MSPCL, Keishampat, Imphal – 795 001
10. Chief Engineer (P&E), Department of Power, Govt. of Nagaland, Kohima – 797 001
11. General Manager (C&SO), TSECL, Agartala – 799 001
12. ED, NERTS, PGCIL, Dongtiah-Lower Nongrah, Lapalang, Shillong -793 006
13. GM (LD&C), PGCIL, "Saudamini" Plot No. 2, Sector – 29, Gurgaon, Haryana – 122 001
14. General Manager, NERLDC, Dongtiah-Lower Nongrah, Lapalang, Shillong -793 006
15. ED (O&M), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
16. ED (Commercial), NEEPCO Ltd., Brookland Compound, Lower New Colony, Shillong-793003
17. ED (O&M), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
18. ED (Commercial), NHPC, NHPC Office Complex, Sector-33, Faridabad, Haryana-121003
19. Group GM, NTPC Limited, Bongaigaon Thermal Power project, P.O. salakati, Kokrajhar -783369
20. General Manager, OTPC, Palatana, Kakraban, Gomati District, Tripura - 799116
21. Vice President, PTCIL, 2nd Floor, NBCC Tower, 15, Bhikaji Cama Place, New Delhi - 110066
22. AGM (BD), NVVN, Core 5, 3rd floor, Scope Complex, 7 Institutional Area, Lodhi Rd., N. Delhi-3
23. Member Secretary, ERPC, 14 Golf Club Road, Tollygunge, Kolkata-700033
24. Chief Engineer, GM Division, CEA, Sewa Bhawan, R.K. Puram, New Delhi – 110066

Sub: Minutes of the 24th CC meeting held on 10/03/2015 at Hotel ROYALE de' CASA, Guwahati.

Sir,

Please find enclosed herewith the minutes of 24th Commercial Committee Meeting held at Hotel ROYALE de' CASA, Guwahati on 10th March 2015 for your kind information and further necessary action.

Encl.: As above

Yours faithfully,

बी. लिंगखोई

(बि. लिंगखोई / B. Lyngkhai)

निदेशक / Director/SE

1. SA to Member(GO&D), CEA, Sewa Bhawan, R.K. Puram, New Delhi – 110066
2. Head of SLDC, SLDC Complex, AEGCL, Kahilipara, Guwahati - 781019
3. SE (EM), MePDCL, Lumjingshai, Short Round Road, Shillong – 793 001
4. Head of SLDC, MeECL, Lumjingshai, Short Round Road, Shillong – 793 001
5. Head of SLDC, Department of Power, Govt. of Arunachal Pradesh, Itanagar- 791 111
6. ED, MSPDCL, Keishampat, Imphal – 795 001
7. ED, MSPCL, Keishampat, Imphal – 795 001
8. S.E. (Commercial), Department of Power, Govt. of Mizoram, Khatla, Aizawl – 796 001
9. Head of SLDC, Department of Power, Govt. of Mizoram, Aizawl – 796 001
10. A.C.E. (Gen & Trans), Department of Power, Govt. of Nagaland, Kohima – 797 001
11. Head of SLDC, Department of Power, Dimapur, Nagaland
12. DGM (C&SO), TSECL, Agartala – 799 001
13. Head of SLDC, TSECL, Agartala – 799 001
14. Chief Engineer, Loktak HEP, Vidyut Vihar, Komkeirap, P.O. Loktak, Manipur – 795 124
15. DGM (Comml), OTPC, 6th Floor, A Wing, IFCI Tower-61, Nehru Place, New Delhi-110019
16. AGM (Comml), NTPC Limited, ER-II HQ, Plot No. N-17/2, Third Floor, Naya Palli, Bhubaneswar-751012

वी. निंगरगेट

निदेशक / Director/SE

North Eastern Regional Power Committee

Minutes of the 24th Commercial Coordination Committee Meeting

Date : 10th March 2015

Venue: Hotel ROYALE de' CASA, Guwahati.

Proceeding of the 24th Commercial Committee Meeting

The 24th Commercial Committee meeting of NERPC was held on 10th March 2015 at Hotel ROYALE de' CASA, Guwahati. The meeting was hosted by NEEPCO Ltd. The list of participants is given at **Annexure - A**.

The meeting commenced with presentation of flower bouquets to the dignitaries by NEEPCO Ltd and ceremonial lighting of lamp by the dignitaries. After this, Shri P. C. Barman, GM (Comml) welcomed all the delegates of the Commercial committee meeting and wished all participants a comfortable stay in Guwahati and a fruitful outcome of the meeting. Shri B. Lyngkhai, Director/SE (O), NERPC, while emphasizing the importance of commercial committee meeting stated that NERPC has been able to organize regular CC meetings now and many important issues have been resolved. He thanked NEEPCO Ltd for hosting the 24th CCM and for making comfortable arrangement for the same. In his brief speech, Shri M. K. Adhikary, GM (Comml), APDCL impressed upon the house to share any surplus energy in the region through bilateral arrangement among states of the NE region. Shri P. K. Singha, ED (Comml), NEEPCO welcomed all participants and expressed gratefulness to the beneficiaries for clearing their outstanding dues.

Shri P. K. Mishra, Member Secretary, NERPC welcomed all the delegates of CC meeting. He stated that while control of technical parameters and grid discipline are vital for safe and secured operation of the grid, settlement of commercial issues are also equally important. He also stated that CCM is a good forum for discussing and resolving commercial and financial issues and hope that the meeting would bear a fruitful outcome.

In his vote of thank, Shri Rana Bose, Sr Mgr (Fin.) NEEPCO expressed, gratitude to NERPC for giving NEEPCO Ltd the opportunity to host the 24th CCM. He thanked all the delegates for their participation in the meeting.

There were presentations on commercial issues and discussion by PXIL and NERLDC on 9th March 15 & 10th March 15. Details of the presentations are enclosed at **Annexure – B**.

Then, the agenda items were taken up.

Minutes of the Agenda Items

1. Confirmation of the minutes of 23rd CC meeting held on 25/11/2014 at Agartala.

Minutes of the 23rd CC Meeting held at Gitanjali Guest House, Agartala on the 25th November 2014 was circulated vide No.: NERPC/COM/CC_Min/2014/3427-65 dated 16th December 2014.

As no observation has been received from any of the constituents, the minutes of the 23rd CCM was confirmed.

2. Agenda items from NERPC

2.1 Tabulation of revenue earned through regulation of power to beneficiary states of NER:

Concerned utilities are to submit the required information in the format given below.

Financial Year : e.g. 2012 - 2013								
Regulating Entity:	Generating station from where regulation is done	Quantum of regulated power (in MWH)	Mode of sale of regulated power (through exchange or through traders or UI etc)	Total revenue earned from sale of regulated power (In Rs.)	Detail of expenditure incurred towards (a) adjustment of energy charges (b) registration fee for exchanges or traders' fee etc (c) Any other incidental expenses with detail (In Rs.)	Amount of outstanding dues of the Regulated Entity. (In Rs.)	Amount adjusted against the outstanding dues of the Regulated Entity (In Rs.)	Remaining amount, if any, to be passed on to the Regulated Entity (In Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)=(5)-(6)-(8)
					(a) (b) (c)			

NOTE: If (9) is negative, then it indicates that outstanding due has not been recovered fully.

NHPC is requested to submit the details of revenue earned through regulation of power supply to MeECL on monthly basis.

Deliberations in the Meeting

NHPC has submitted required information up to Jan, 2015. The details submitted by NHPC is attached at **Annexure- 2.1**

NHPC agreed to submit up to the latest period on monthly basis.

2.2 Contribution to the Board Fund of NERPC:

Board Fund Contribution status/details of constituents (as on 04.03.15) are as given below:

Constituents	FY 2011-12	FY 2012-13	FY 2013-14	FY 2014-15
NTPC	Payment Received	Payment Received	Payment Received	Payment Received
NHPC	Payment Received	Payment Received	Payment Received	Due
PTC	Payment Received	Payment Received	Payment Received	Payment Received
NVVN	Payment Received	Payment Received	No Record	Due

OTPC	Payment Received	Payment Received	Payment Received	Payment Received
NEEPCO	Payment Received	Payment Received	Due	Due
PGCIL	Payment Received	No Record	Payment Received	Due
Nagaland	Payment Received	Payment Received	Payment Received	Payment Received
MeECL	Payment Received	Payment Received	Payment Received	Payment Received
Mizoram	Payment Received	No Record	Payment Received	Payment Received
Ar. Pradesh	Payment Received	No Record	Payment Received	Due
TSECL	Payment Received	Payment Received	Payment Received	Payment Received
Manipur	No Record	No Record	No Record	Due
Assam	No Record	No Record	No Record	Payment Received

No Record = Payment details not available with NERPC due to non intimation or nonpayment by constituents. Kindly intimate payment details if paid already (format given below), otherwise kindly contribute for the same under intimation to NERPC Secretariat.

Name of Constituents				
F.Y	Amount (in Rs.)	Mode of Payment (Cash/Cheque/DD/NEFT/RTG S etc)	Date	Remarks/Cheque No./DD No./UTR No./other details
2011-12				
2012-13				
2013-14				
2014-15				

Deliberations in the Meeting

NERPC informed that only NTPC, PTC, OTPC, Nagaland, Meghalaya & Tripura have contributed up to date (i.e, up to FY 2014-15). Following is the action taken status/action required:

Sl No.	Constituents	Action taken/required
1	NHPC	Action already taken for payment for FY 2014-15
2	NVVN	No representative. NERPC will write to them once again for payment for FY 2013-14 & 2014-15
3	NEEPCO	In the process for payment for FY 2013-14 & 2014-15
4	PGCIL	NERPC will write to them once again for FY 2013-14 & 2014-15
5	Mizoram	No representative. NERPC will write to them once again for payment for FY 2012-13
6	Ar. Pradesh	In the process for payment for FY 2012-13 & 2014-15

7	Manipur	NERPC will write to them once again for FY 2011-12, 2012-13, 2013-14 & 2014-15
8	Assam	Assam requested NERPC to write to APDCL for FY 2011-12, 2012-13 & 2013-14

In the mean time, Assam and Manipur were requested to furnish the record of payment if they have paid for FY 2011-12, 2012-13 & 2013-14.

2.3 Payment of transmission charges for drawal of start-up power and injection of infirm power by generating stations:

Transmission charges payable by generators which are drawing start-up power or injecting infirm power are not captured in the Regional Transmission Deviation Account (RTDA) while transmission charges are to be paid by them corresponding to actual injection or withdrawal. Since the approved injection or withdrawal for such generators would be zero, the deviation charges are to be paid at 1.25 times the injection/ withdrawal PoC Charges.

A letter from NLDC has been received requesting to include the transmission charges in RTDA.

Deliberations in the Meeting

NERLDC stated that if there was bilateral agreement between the generator and the respective State DISCOM thereby making generator consumer of DISCOM for drawal of startup power, transmission charges are not payable by the generator otherwise generator has to pay transmission charges as per PoC regulation for drawing startup power. It was also clarified that for injection of infirm power through deviation, transmission charges are to be paid by the generator.

NTPC was advised to complete all formalities necessary for injection of infirm power in respect of Bongaigaon Thermal Power Station well in advance.

In case of the drawal of start-up power by AGTPP, Agartala, NEEPCO informed that an agreement had been signed between NEEPCO and Tripura for drawal of startup power.

It was agreed that NERPC will include start-up power and infirm power in the monthly regional transmission deviation account w.e.f December 2014.

2.4 Metering Issues:

During the Special Metering meeting held on 22.01.2015, the Sub-committee discussed the issue in details and decision is as given below:

1. Distribution of 35 SEMs and 10 DCDs already procured was agreed as per **Annexure- (I)**. After distribution, balance will be kept as spares.
2. Regarding procurement of 50 SEMs and 10 DCDs urgently, it was agreed not to procure on repeat order basis from ELSTER. Rather, POWERGRID NERTS was advised to obtain these meters/DCDs from other Regions at the earliest preferably by March, 2015. These meters will be used to replace time drifted meters as listed in **Annexure- (I)** footnote and also to install check meters in ISGS.

3. Technical specification for new procurement of 250 SEMs was finalised (**Annexure- (II)**). After detailed discussion, M/S Secure Meters, L&T and Wallaby were identified as shortlisted suppliers. POWERGRID NERTS will procure meters at the quickest possible time say within six months.
4. It was agreed to go for procurement of LAPTOPs instead of DCDs. Hence, there will be procurement of 40 LAPTOPs instead of 40 DCDs. Additionally, 20 DCDs will be procured to act as spare of existing DCDs.
5. DCD was not given to NTPC Bongaigaon. It was agreed to provide them DCD latest by 31.01.2015.
6. Time drift in meters was highlighted by NERLDC which was causing unwanted fluctuation in pool loss. It was agreed that all constituents while collecting weekly reading would note time drift position and provide time advance/retard command to avoid drift. Meters with large drift will be replaced as noted in point no. 2.
7. Error in meter reading : It was decided that POWERGRID NERTS will attend following at the earliest :
 - 132 KV Balipara-Gohpur line : Meter error in Balipara end
 - 132 kV Imphal-Ningthoukong (very low reading at Ningthoukong end)
 - 132 kV Nirjuli-Gohpur (Low reading at Nirjuli end)
 - 220 kV Kathalguri – Tinsukia II (Tinsukia end reading >50%)
8. It was agreed that pre-commissioning check of all meters would be done by NERTS, POWERGRID and proper store inventory be maintained by them. Stock position should be submitted to NERLDC/NERPC on regular basis.
9. It was agreed that AMR (Automated meter reading) scheme will be implemented in NER expeditiously and cost of same will be recovered by POWERGRID through tariff. POWERGRID was advised to submit cost estimate in next OCCM/CCM.

During the 106th OCC meeting, NERTS informed that the tentative cost of AMR is Rs. 1.72 Crore only.

NERTS is requested to update the status of follow-up action on above decisions including procurement of meters and Laptops/Notepads as agreed in earlier meetings and also status of replacement of meters, spare meters etc.

Deliberations in the Meeting

In the Special Metering meeting held on 22.01.2015, the subcommittee advised NERTS to obtain 50 SEMs & 10 DCDs from other regions to meet urgent requirement instead of procuring on repeat order from ELSTER. However, after further discussion on the issue, due to immediate requirement of SEMs, the Committee approved to purchase 50 SEMs and 10 DCDs from L&T through single tendering system. It was however decided that for other purchases including 250 Nos. SEMs as agreed in the earlier meetings NERTS will purchase through normal process of procurement.

All other metering issues were referred to next OCCM.

3. Agenda items from NHPC

3.1 Payment of Deviation and Additional Deviation charges:

It has been observed that UI/Deviation charges are not released in time along with the interest on delayed payments. NHPC is making timely payment of UI/ Deviation charges (as payable by NHPC) despite the fact that net effect of payable and receivable is actually receivable to NHPC. It is therefore requested to timely release the UI/Deviation charges, as receivables to NHPC.

Deliberations in the Meeting

Discussed at item no. 7.1

3.2 Outstanding dues of NHPC for more than 60 days:

MeECL, Meghalaya: - As on date, an amount of ` **18.23 Crs** (Including surcharge of ` **3.51 Crs**) is outstanding for more than 60 days. Meghalaya is not liquidating the outstanding dues even after regulation of power w.e.f 23.01.2014. A MOM was signed between MeECL & NHPC on 07.08.2014 and MeECL made a commitment for liquidation of outstanding dues including surcharge in installments but MeECL did not adhere to its commitment.

MeECL, Meghalaya may be impressed upon to liquidate their outstanding dues.

Deliberations in the Meeting

MeECL was requested to clear their outstanding dues at the earliest. The committee decided to review the status in next CCM.

3.3 Signing of PPA & BPSA

(i) Signing of Power Purchase Agreement (PPA) in respect of Tawang-I (700 MW) & Tawang-II (800 MW) H.E. Projects in Arunachal Pradesh:-

Draft PPA have been sent to Assam, Manipur, Meghalaya, Tripura, Arunachal Pradesh & Mizoram on 24.09.2014 for early signing of PPA in respect of Tawang-I (700 MW) & Tawang-II (800 MW) H.E. Projects, in Arunachal Pradesh. All concerned beneficiaries are requested to give consent for signing of PPA at the earliest.

(ii) Signing of BPSA in respect of Loktak Power Station with APDCL, Assam:-

Signing of BPSA in respect of Loktak Power Station is pending since long in spite of our regular follow up. The existing BPSA has already expired on 31.03.2011. In this regard, NHPC has already requested APDCL vide letter dated 03.11.2014 and 01.12.2014 for extending the existing BPSA on same terms & conditions up to 31.10.2016 (till validity of tripartite agreement). The matter was also discussed in 23rd CCM of NERPC and representative of APDCL has assured that the BPSA in respect of Loktak Power Station will signed soon. But till date, we have not received any response from APDCL

So, it is again requested that intervention of NERPC is required in this regard for early signing of PPA/BPSA.

Deliberations in the Meeting

(i) Tripura stated that they have not received the detailed proposal for PPA from NHPC. NHPC was advised to approach all concerned beneficiaries with the detailed proposal for signing of PPA.

Beneficiaries were requested to convey their consent for buying power from the above projects. Signing of PPAs and other detail proposal may be discussed later.

(ii) Assam stated that BPSA in respect of Loktak Power Station is under examination by the government. He further assured that Assam will sign the existing BPSA on same terms & conditions till the new BPSA can be finalized.

3.4 Opening/maintaining of Letter of Credit (LC):

MeECL: - MeECL, Meghalaya has not provided Letter of Credit (LC) of requisite amount in spite of our regular follow up. As on date, requisite amount of LC is ` 1.42 Crs based on 105% of average monthly billing of preceding 12 months i.e. January 2014 to December 2014.

MeECL, Meghalaya may be requested to furnish the Letter of Credit (LC) of requisite amount on top priority.

Deliberations in the Meeting

MeECL was requested to open the Letter of Credit (LC) of requisite amount on top priority.

4. Agenda items from APDCL (ASEB)

4.1 Colony Consumption by CSGS and Provision of CERC Regulations' 2014 thereon:

As per provision of new CERC Regulations' 2014, the colony consumption and power consumed for construction works and other facilities at a generating station cannot be part of auxiliary consumption of that generating station.

In view of above, the NERPC/ NERLDC are requested to make available the monthly station-wise energy consumption figures of respective colony so that necessary bill can be raised by the Distribution Licensee/ Government Department.

Deliberations in the Meeting

The matter was discussed in detail and it was noted that presently, there is no segregation of colony consumption and auxiliary consumption. NERPC suggested that meters may be installed at identified locations to enable segregation of the colony and auxiliary consumption.

It was agreed that all the concerned constituents (NEEPCO, NHPC, OTPC, NTPC) will submit the schematic diagram for drawing auxiliary and colony consumption separately for each generating station within one month. NERLDC and NERPC will study the diagrams and necessary actions will be initiated accordingly which may be reviewed in the next CCM.

4.2 Charging of 33 KV APDCL Line from Khandong HEP to 33/11KV Umrangsu S/S of APDCL:

The 33 KV Line from the NEEPCO station to the Umrangsu sub-station of APDCL has been constructed by APDCL in the year 2012 on the demand of NEEPCO. APDCL has completed all the formalities and removed all anomalies of the line to the extent possible as pointed out by NEEPCO during joint inspection for early commissioning of the line. APDCL has provided materials like control

cable, closing/ tripping coils etc. As reported the concerned field officer of NEEPCO is reluctant to charge the line, the reason of which is known only to NEEPCO.

APDCL has incurred substantial investment for this line and also is committed to charge the line. Therefore the Forum is requested to intervene into this matter and kindly take up the matter with NEEPCO authority.

Deliberations in the Meeting

NERPC suggested that both Assam and NEEPCO should visit the site and try to settle the issue bilaterally.

After discussion, it was agreed that Assam, NEEPCO and NERPC will jointly visit the site to find a solution for resolving the issue.

4.3 *Energy supply to Arunachal and Nagaland through 33 KV/ 11 KV network of Assam (APDCL):*

Following the deliberations and decisions of the 22ND and 23RD Commercial Committee Meeting of NERPC on the subject cited above, APDCL had written to Arunachal Pradesh and Nagaland for bilateral settlement of billing matters of transaction of energy exchanges through the 11KV and 33 KV lines through Letter No. 62 dated 18.12.2014 (copy enclosed as Annexure-4.3). But there was no response till date from both states. The Forum may deliberate and advise APDCL accordingly.

Deliberations in the Meeting

NERPC stated that the issue has been discussed a number of times in the past and it has already been agreed that Assam will take up the matter with Ar Pradesh and Nagaland for bilateral arrangement for purchase of power as per applicable tariff decided by AERC.

Assam was advised to raise the bill to Ar. Pradesh and Nagaland as per AERC tariff as decided by the forum.

4.4 *Bill Statement of Re-import of Kurichhu energy by Bhutan and approval of NERPC/ NERLDC thereof:*

APDCL vide its Letter No. APDCL/ CGM (COM)/ NERPC/ CC-OCC/ PT-3/ 2014/ 26 dated 29.01.2015 has sent the statements of billing on the basis of monthly average UI rates provided by NERLDC for necessary approval by NERPC/ NERLDC so that the matter can be pursued further. The

Forum may kindly approve the same.

Deliberations in the Meeting

After DSM regulation period: -

For the period from 17.02.2014 to 30/09/2014, NERPC already circulated average deviation frequency and corresponding deviation rate in the 23rd CCM. The calculation given by Assam is endorsed by the forum to CCM of ERPC for payment from deviation pool as agreed in the special meeting held at ERPC Kolkata on 03/11/2014.

The average Frequency and corresponding Deviation rate for the month from Oct'14 to Jan, 2015 was also circulated during the meeting and Assam was advised to submit the calculation based

for the month from Oct'14 to Jan, 2015. The forum also requested CCM of ERPC to devise a permanent settlement mechanism for energy exchanges between Assam and Bhutan.

Before DSM regulation period: -

For the period from 01/04/2003 to 16/02/2014, NERPC and NERLDC have verified the data submitted by Assam and the same is endorsed by the forum to CCM of ERPC for further necessary actions. Assam will file petition to CERC after CCM of ERPC approves the data submitted by Assam.

Members noted the same.

5. Agenda items from PGCIL

5.1 Outstanding dues:

The total outstanding of POWERGRID's NER beneficiaries is as under-

As on : 26/02/2015

					₹ in Crores
CONSTITUENTS	Outstanding against Non PoC bills	Outstanding against PoC bills	Outstanding more than 60 days	Surcharge	Total Outstanding (including surcharge)
Ar. Pradesh	0.33	2.65	0.00	0.00	2.69
ASEB (Assam)	-0.06	0.00	0.00	0.91	0.86
Manipur	0.04	1.49	0.00	0.00	1.53
MeECL (Meghalaya)	0.82	10.15	1.12	0.04	11.03
Mizoram	0.39	7.47	4.26	0.00	7.86
Nagaland	-0.04	0.00	0.00	0.00	-0.04
TSECL (Tripura)	0.03	3.43	0.00	0.00	3.46
TOTAL	1.53	24.96	5.16	0.95	27.44

The total outstanding as on 25/02/2015 is ₹ 27.44 Crore. Out of total outstanding, ₹ 5.16 Crore is beyond 60 days. It may be seen that outstanding against MeECL & Mizoram are on much higher side. MeECL & Mizoram are requested to liquidate the outstanding.

Constituents are requested to clear the outstanding dues in time to avail attractive graded rebate offered by POWERGRID. Considerable amount of surcharge are also due for liquidation as shown above. If the outstanding dues over 60 days are not cleared by the Constituents at the earliest, POWERGRID may not have any other alternative, but to resort regulation as per CERC norms.

Deliberations in the Meeting

Concerned constituents were requested to clear their outstanding dues at the earliest.

5.2 LC requirement against PoC billing as per Cl. No. 3.6 of BCD (Billing Collection and Disbursement) Procedures of CERC order No. L-1/44/2010-CERC, Dtd. 29.04.11

Cl. No. 3.6 of BCD states that, The Letter of Credit shall have a term of twelve (12) Months and shall be for an amount equal to one point zero five (1.05) times the average of the First Bill Amount for different months of the Application Period, as computed by the Implementing Agency (IA) for the DIC, where tripartite agreement for securitization on account of arrears against the transmission charges with the Government of India exist.

REQUIREMENT AND STATUS OF LC AS ON DATE (25.02.15) OF NER BENEFICIARIES

Sl	Beneficiary	Average first bill amount for (Apr-Sep13) of application period (₹ in Lakh)	M.F. (1.05 times where TPA exists)	LC required (Avg. first bill amount X MF (₹ in Lakh)	PRESENT LC VALIDITY UPTO	Due date of enhancement and renewal (for one year)	Total LC Amount to be renewed including enhanced value (₹ in Lakh)		
							Existing	Enhancement	Total
1	Arunachal Pradesh	228.45	1.05	239.87	31.03.15	31.03.15	252.00	0.00	252.00
2	AEGCL (Assam)	1690.08	1.05	1774.58	26.03.15	26.03.15	1591.80	182.78	1774.58
3	Manipur	228.87	1.05	240.31	31.03.15	31.03.15	213.13	27.18	240.31
4	MeECL	402.41	1.05	422.53	10.12.13	10.12.13*	344.00	78.53	422.53
5	Mizoram	161.22	1.05	169.28	04.05.15	04.05.15	152.25	17.03	161.22
6	Nagaland	191.97	1.05	201.57	21.03.15	21.03.15	192.15	9.42	201.57
7	Tripura	328.81	1.05	345.25	14.02.15	14.02.15	183.00	162.25	345.25

Note – 1. LC shall be operated as laid down procedures of CERC order.

2. Tripartite agreement (TPA) for securitization on account of arrears against the transmission charges with the Government of India exists for all the constituents.

* MeECL has not renewed LC for last 3 years.

The constituents who are yet to renew LC are requested to enhance/renew LC as required to get the benefit of rebate scheme as per CERC norms.

Deliberations in the Meeting

Concerned constituents were requested to enhance/renew LC as required as per CERC norms.

6. Agenda items from NEEPCO

6.1 *Construction power for AGTP extension project – inclusion in REA:*

This issue was deliberated in the 22nd CC meeting held on the 12th of September'14 at Imphal.

Though it was decided for record of the said construction power drawal by NEEPCO in monthly REA, no such inclusion could be noticed till January'15.

As informed, the meter reading is being sent to NERLDC on regular basis.

The above is brought for deliberation of the house with a request to the NERPC to clarify the matter.

Deliberations in the Meeting

NERPC clarified that construction power for AGTP extension has been included in the weekly deviation accounts as agreed in the 22nd CCM held at Imphal. Members noted the same.

6.2 *Huge outstanding dues of Tripura State Electricity Corporation Ltd (TSECL) and Power & Engineering Department, Govt. of Mizoram:*

I. TSECL:

As per the records of NEEPCO, an amount of ₹ 80.25 Crore is payable to NEEPCO by the TSECL as on 28.02.2015 on account of purchase of electricity. Breakup of the aforesaid dues are as follows:

❖	Monthly energy bill	: ₹ 28.86 crore
❖	Arrear bill on AFC revision (incl. Interest thereon)	: ₹ 16.57 crore
❖	Supplimentary bill	: ₹ 17.76 crore
❖	Reimbursement bill (NERLC/NLDC Fees, CERC Appl. Fee etc.)	: ₹ 0.36 crore
❖	Late payment surcharge	: ₹ 16.70 crore
	TOTAL	: ₹ 80.25 crore

Of the above dues, more than 60 (sixty) days old amounts to ₹ 66.52 crore.

Accrual of the above outstanding for TSECL is due to non-settlement of the following old bills:

- Doyang HEP arrear bill on AFC revision amounting to ₹ 10.03 crore
- Interest on arrear bills due to AFC revision amounting to ₹ 6.54 crore
- Supplimentary bills
- Pending monthly energy bills till 31.03.2014 amounting to ₹ 14.82 crore
- Accrual of "Late payment Surcharge" for delay/non settlement of bills

In spite of regular persuasion with the beneficiary, no positive response/action plan from TSECL has been received by NEEPCO till date on liquidation of the said old claims.

Due to accrual of such outstanding, NEEPCO is facing acute financial crunch to meet its day to day expenditure including fuel cost required for operating its thermal power stations.

The above is for deliberation of the house with a request to the TSECL to appraise the house on their action plan for early settlement of the said dues.

II. P&E Department, Mizoram:

As per the records of NEEPCO, an amount of ₹ 62.10 Crore is payable to NEEPCO by the P&E Department, Mizoram as on 28.02.2015 on account of purchase of electricity. Breakup of the aforesaid dues are as follows:

❖ Monthly energy bill	: ₹ 37.30 crore
❖ Supplementary bill	: ₹ 9.39 crore
❖ Reimbursement bill (NERLC/NLDC Fees, CERC Appl. Fee etc.)	: ₹ 0.86 crore
❖ Late payment surcharge	: ₹ 14.55 crore
TOTAL	: ₹ 62.10 crore

Of the above dues, more than 60 (sixty) days old amounts to ₹ 42.38 crore.

Accrual of the above outstanding for P&E Department, Mizoram is due to non-settlement of the following old bills:

- Balance against monthly energy bills till 31.03.2014 amounting to ₹ 7.22 crore
- Irregular settlement of current monthly energy bills
- Non settlement of current Supplementary bills
- Accrual of "Late payment Surcharge" for delay/non settlement of bills

During the period of Apr'14 to Feb'15, total payment made by Mizoram to NEEPCO amounts to ₹ 66.29 crore.

Due to accrual of such outstanding, NEEPCO is facing acute financial crunch to meet its day to day expenditure including fuel cost required for operating its thermal power stations.

The above is for deliberation of the house with a request to the P&E Department, Mizoram to appraise the house on their action plan for early settlement of the said dues.

Deliberations in the Meeting

TSECL and Mizoram were requested to settle their outstanding bills at the earliest.

7. Agenda items from NERLDC.

7.1 Deviation charges outstanding:

Status of Deviation charges outstanding as on 27.02.2015 is attached (**Annexure-7.1**). From the same it can be seen that Assam (Rs. 34 Crores), Meghalaya (Rs. 10 Crores) and Tripura (Rs. 12 Crores) are major defaulters. Such payment default is creating serious constraint in timely settlement of pool account. NERLDC is to payout Rs. 27.3 Cr. to ER.

Commercial Committee may discuss and decide. Assam has given a commitment to clear full outstanding including current dues by April'15.

Deliberations in the Meeting

NERLDC stated that payment default against deviation charges is creating constraint in timely settlement of pool account. He further stated that huge outstanding of Assam (Rs. 34 crores), Tripura (Rs. 12 crores) and MeECL (10 Crores) was creating serious problem in pool settlement and NERLDC was not able to release payment to ER pool (Rs 27.3 Cr.) as well as NER receivable utilities.

NHPC also stated that while the amounts payable by them are being cleared in timely manner, the receivable amounts due to them have not been released on time.

Following were decided:

- (i) APDCL will liquidate full outstanding by April, 2015.
- (ii) TSECL will furnish action plan within 15 days to clear the entire amount with time bound action plan
- (iii) MeECL will furnish action plan within 15 days to clear the entire amount with time bound action plan
- (iv) Manipur stated that action already taken for payment and amount will be released soon.
- (v) NERLDC will issue reminder to other defaulters.

7.2 Non-payment of NERLDC fees and charges bills:

NERLDC is raising the bills on monthly basis on the 1st working day of every month in Terms of the CERC (fees and charges of RLDC and other related matters) Regulation, 2009.

The status of latest outstanding is as below:

Mizoram : Rs. 25, 28,860/-

Manipur : Rs. 22, 48,622/-

Defaulting constituents may liquidate outstanding dues at the earliest.

Deliberations in the Meeting

Manipur and Mizoram were reminded to clear outstanding dues at the earliest.

7.3 Outstanding dues for AMC of SCADA-EMS:

Outstanding charges - dues as on 27/02/2015 are as below:

	Overhead charges	AMC
AEGCL	1116233/-	2048467/-
MeECL	2134367/-	1655328/-
TSECL	131421/-	1642761/-

AEGCL and MeECL may liquidate the outstanding dues at the earliest.

Deliberations in the Meeting

All concerned constituents were requested to clear the outstanding dues at the earliest.

7.4 Non-submission of weekly SEM readings by Mokokchang(Nagaland) and Deomali(AP).

Long pending issue needs to be addressed by Nagaland and AP.

Deliberations in the Meeting

Referred to next OCCM.

7.5 Status of Procurement of SEMs / Spare availability:

Following are to be done as per earlier decisions -

1. 50 Nos SEMs and 10 DCDs to be procured/obtained by POWERGRID, NERTS immediately
2. On procurement of these meters, meters should be there at all locations as identified by NERLDC. Further, meters should be replaced in all locations where there are errors.
3. Procurement of 250 SEMs and 40 DCDs/LAPTOPS.

NERTS may furnish status of procurement.

Deliberations in the Meeting

Discussed at item No. 2.4

7.6 Meter Time Drift:

High time drifts exist in various locations resulting in erroneous computation and loss spikes. It was proposed that whenever time drift is detected efforts should be made to reset [making the time drift zero] the same immediately and if due to any reason resetting could not be done then wherever time drift is more than 5 minutes the meter may be replaced.

NERTS may give details on action taken so far.

Deliberations in the Meeting

Referred to next OCCM.

7.7 Installation of SEM in both ends of all ISTS.

SEM is yet to be installed in following locations:

1. Gelephu end of 132 kV Salakati-Gelephu
2. Jiribam end of 132 kV Jiribam -Badarpur
3. Imphal(PG) end of 132 Dimapur-Imphal(PG)

4. Balipara end of 400 kV Misa-Balipara –I
5. Balipara / Bongaigaon ends of 400 kV Bongaigaon-Balipara –Q/C

Deliberations in the Meeting

Referred to next OCC.

7.8 Furnishing Meter installation report

It is observed that installation report of SEM is not furnished to NERLDC/NERPC in time resulting in problems in computation. NERTS may be advised to furnish installation report with details of CTR, PTR immediately after installation.

Deliberations in the Meeting

Referred to next OCC.

7.9 Collection of weekly SEM data – AMR

AMR scheme was agreed in principle by Commercial Committee. NERTS was to give a presentation on Commercial implication of AMR Scheme.

It is necessary to expedite the AMR project for smooth collection of SEM reading.

Commercial Committee may discuss and decide.

Deliberations in the Meeting

NERTS had informed in the 106th OCCM, that the tentative cost of AMR would be Rs 1.72 crores. After detailed discussion, it was agreed that PGCIL will go ahead with implementation of the AMR project.

7.10 Erroneous SEM reading

While carrying end1-end2 check, errors have been observed in following cases and needs to be attended/rectified:

1. 132 kV Imphal-Ningthoukong (very low reading at Ningthoukong end)
2. 220 kV Misa-Mariani(New) - Misa end reading lower by more than 10%
3. 132 kV Silchar-Badarpur line-2 (Badarpur reading half)
4. Misa ICT 1 (HV/LV 25% mismatch)
5. 132 kV Nirjuli-Gohpur (low reading at Nirjuli end)
6. 132 kV Agia-Nangalbibra (Nangalbibra reading half of other end)
7. 132 KV Balipara-Gohpur line : Meter error in Balipara end

NERTS may give timeframe for addressing the issues.

Deliberations in the Meeting

Referred to next OCCM.

7.11 First time charging/synchronization of new elements by the owner of the asset and drawing start up power/injecting infirm power by new generating station

It has been observed that issues like non-availability of telemetered data and SEM readings are being faced in case of new elements, generating units. This creates serious problem in Grid Operation as well as for accounting of energy. The instances are highlighted in the presentation by NERLDC.

Commercial Committee may kindly note. All concerned are requested to ensure compliance.

Deliberations in the Meeting

A presentation on “Integration of new transmission elements and generation units to the grid” was given by NERLDC. Various rules and regulations, standards and compliances required were discussed. All concerned including NTPC Bongaigaon was advised to ensure compliance as per regulations before first synchronization of the element/unit to the grid. NTPC informed that they would ensure that all requirements are met before synchronization of their unit.

7.12 *Tabling quarterly figures of Deviation and Reactive Pool Account in Commercial Committee:*

The figures will be tabled in Commercial Committee meeting.

The quarterly figures were circulated to the constituents in the meeting. Observations, if any may be sent within 15 days to NERLDC. If no observation is received the accounts as circulated will be taken as final.

8. Agenda items from TSECL.

8.1 Till date Mizoram has not open the LC which was expired on Aug 12 & as on date outstanding amount is approx 8-10 crores excluding the surcharge.

NERPC may kindly intervene for early recovery of outstanding dues as well as opening of LC as security mechanism.

Deliberations in the Meeting

Members noted the concern of TSECL. However, since Mizoram representative was not available, TSECL was requested to pursue bilaterally.

8.2 Till date Manipur has not open the LC & as on date outstanding amount is approx 6-7 crores excluding the surcharge.

NERPC may kindly intervene for early recovery of outstanding dues as well as opening of LC as security mechanism.

Deliberations in the Meeting

Manipur informed that they have opened the requisite LC. However, TSECL stated that they have not received the LC so far. Manipur was advised to send the copy of LC to TSECL at the earliest. Manipur was also requested to liquidate their outstanding dues against TSECL at the earliest.

9. Any other item with permission of the Chair

(1) APM gas

As per CERC DSM regulations dt. 06/01/2014, capping on APM gas was to be removed from 01/04/2014. However, CERC in the draft regulation has suggested to revise the date of removal of cap rate to be effective from the date of revision of price of APM gas by Govt. of India.

It was informed during the meeting that Govt. of India has revised the price of APM gas w.e.f 01.11.2014. Since NERPC already implemented capping of APM gas w.e.f 01.04.2014, the present accounting system will continue and revision of earlier accounts were not required.

Commercial Committee noted the same.

(2) Commercial operation of Palatana Unit-2.

TSECL raised objection to commercial operation of Palatana Unit-2 before arranging gas commensurate with running of both units at full capacity as they apprehended commercial loss to beneficiaries on account of this. OTPC clarified the following: Target availability of Palatana is 85% for recovery of AFC. After commercial operation of Unit-2, there will be combined DC, schedule and tariff for entire plant. In case plant availability is less than target, AFC will get reduced as per CERC formula. In view of this, there is no scope of commercial loss to beneficiaries after commercial operation of unit-2. Rather beneficiaries will be able to get benefit of more scheduled generation.

Commercial committee noted the above.

10. The next Commercial Coordination Sub-Committee meeting will be held in the month of May' 2015. The date and venue will be intimated separately.

MeECL agreed to host the next CCM tentatively in the month of May 2015. The date and venue of the meeting will be intimated separately.

List of participants in the 24th Commercial Committee meeting of the NERPC

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Annexure - A

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Two Day Ahead Spot Contract (2D-Spot)

Evening Day Ahead Contract: (Eve-Spot)

Features and Specifications

NERPC meeting, Guwahati
March 9, 2015

- ❑ Current Framework
 - ❑ Market dynamics and needs
 - ❑ 2 Day Ahead Spot Contract- Design and Framework
 - ❑ Proposed Timelines
 - ❑ Evening DAS Contract – Contract specs and Timelines
 - ❑ Suggestions/Comments

Current framework – Physical Segment

- ❑ Currently PXs offer Products in Collective and Bilateral segments
- ❑ Collective segment - DAS Product (Day Ahead Spot) participants bid for next day's delivery
 - ✓ Price discovery - Uniform pricing method
 - ✓ Transaction - Trading on T (Trading) day (Day Ahead) for delivery on T+1 (24-hr period)
- ❑ Post DAS - Products in bilateral segment for Day Ahead requirement
 - ✓ DAC and Intraday products: Discriminatory Pricing mechanism
- ❑ Other Products offered at PXIL i.e. Week Ahead and AnyDay (both in Term Ahead) – Bilateral segment
 - ✓ One to One by nature i.e. identified Buyer & Seller

- ❑ Current Framework
- ❑ Market dynamics and needs
- ❑ 2 Day Ahead Spot Contract- Design and Framework
- ❑ Proposed Timelines
- ❑ Evening DAS Contract – Contract specs and Timelines
- ❑ Suggestions/Comments

Market dynamics

- ❑ Single Product in Collective segment -inherent risk of non-clearance of trades
 - ✓ **Uniform price mechanism** is considered as a benchmark by participants
 - ✓ Aggressive bids submitted by participants
- ❑ Other Advantages
 - ✓ Higher priority in Transmission capacity vis-à-vis Bilateral Products i.e. Intraday, DAC
 - ✓ PXs the best option to meet short term power requirements – Convenience & Transparent

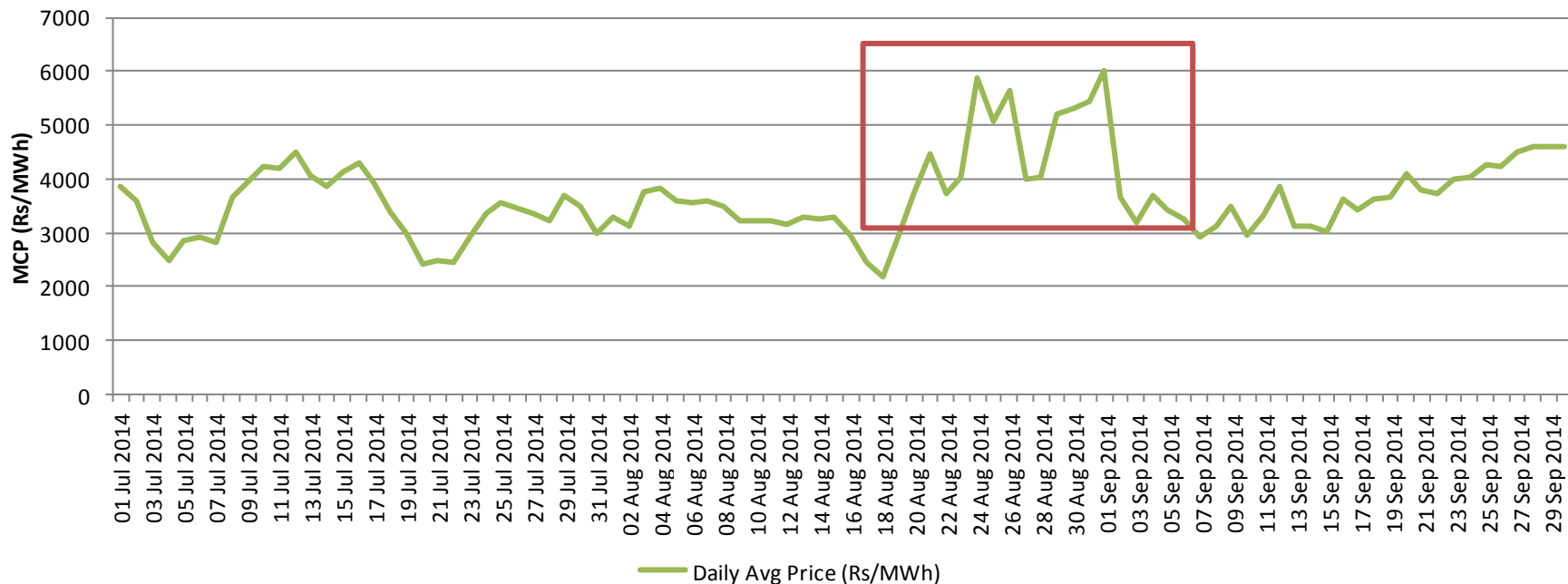
Need


- ❑ More Options in Collective segment to fine tune their contingent needs and to compete at better price points.
 - ✓ Fall back option with Uniform pricing mechanism is not available for participants

- ❑ Current Framework
- ❑ Market dynamics and needs
- ❑ 2 Day Ahead Spot Contract- Design and Framework
- ❑ Proposed Timelines
- ❑ Evening DAS Contract – Contract specs and Timelines
- ❑ Suggestions/Comments

Price Patterns –Q2 FY 2014-15

North Region Daily Avg MCP (Rs/MWh)



 Spike in price

2 D-Spot Contract- Design and Framework

- ❑ 2 Day Ahead Spot Contract (**2D-Spot**) - Designed under Uniform pricing mechanism
- ❑ To facilitate trading on Two-day Ahead basis - **T day** for delivery on **T+2**
 - ✓ Participant to **submit bids** (buy/sell) on 1st Jan-15 for **delivery of 3rd Jan-15**
 - ✓ Transmission capacity allocation for 2D-Spot to have higher priority w.r.t DAS
- ❑ Price discovery - as per current DAS contract i.e.
 - ✓ Collective bidding
 - ✓ AS/AD curve intersection to determine price (MCP) and volumes (MCV)
 - ✓ Uniform pricing for settlement of trades
- ❑ All the other charges and losses will be similar to the current DAS contract.

Why Two Day Ahead Contract?

Trading on DAS...

High risk as delivery starts on next day (00:00 hrs)

No option in collective segment after session



Uniform Price discovery

96 Contracts (15 minutes each)

Double sided closed bid Auction

Regional Level delivery point

Settlement at respective bid zones

Trading on 2D-SPOT...

Bidding 2-Days before actual delivery

Option of DAS on next day even after session

No need to be over competitive..thus efficient price discovery.

Better power management option



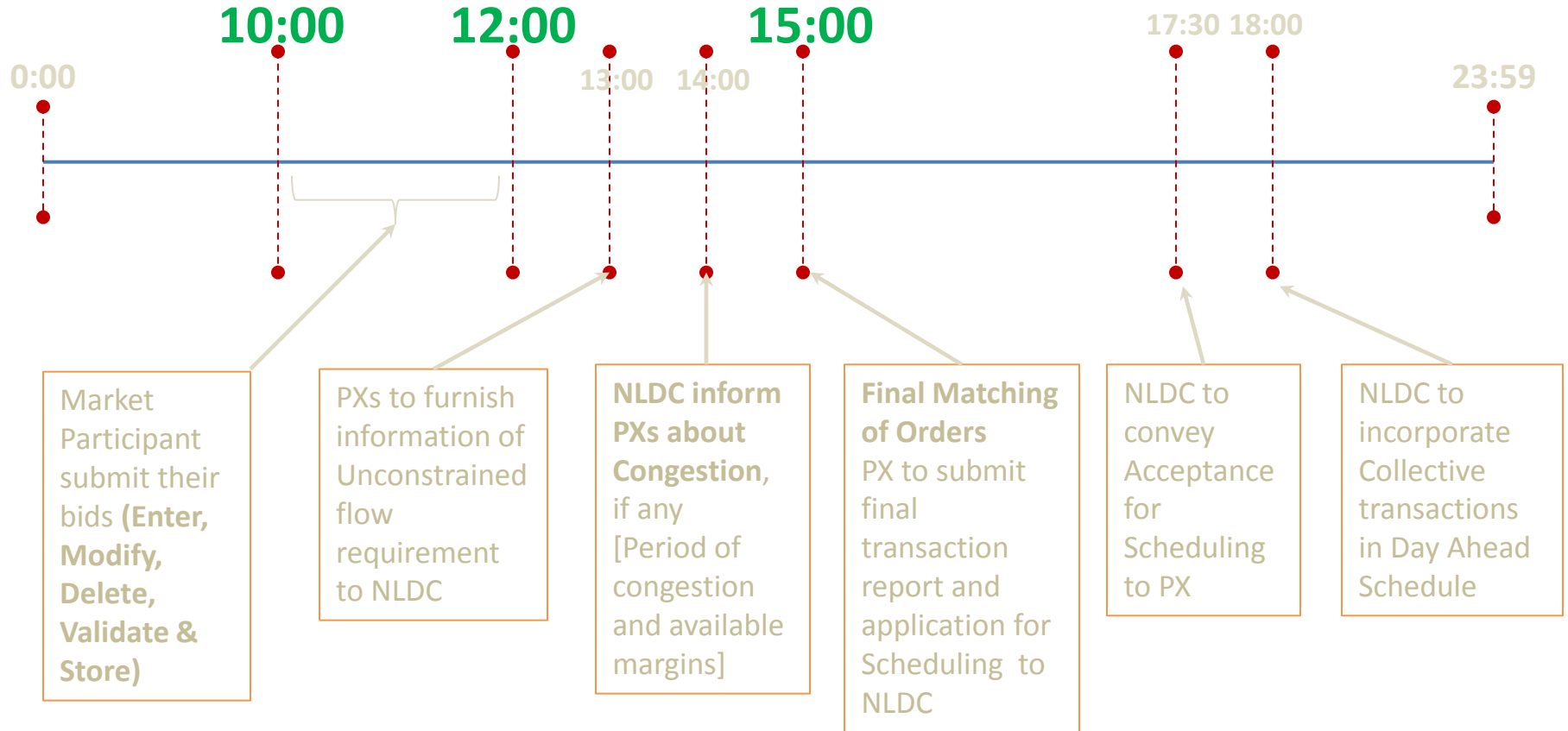
2 Day Ahead Spot Contract- Design and Framework

Proposed product specifications

Product Name	Two Day Ahead Contract
Trading System	PXIL
Trading Methodology	Double Sided closed bid auction with uniform market clearing price
Auction Timings	1230 Hours to 1400 Hrs (Day-T)
No. of Contracts per day	96 Contracts (15 minutes time slot each) for T+2 day delivery
Minimum Bid Volume	0.1 MW or as decided by Exchange from time to time
Minimum Volume Quotation Step	0.01 MW
Minimum Value Quotation step	Rs. 10 per MWh
Delivery Point	Periphery of Regional Transmission System in which the grid-connected Exchange entity is located.
Transmission charges	<p>Inter-State Transmission System: As Per Central Electricity Regulatory Commission (Open Access in inter-State Transmission (Collective Transaction)) Regulations, 2008 and subsequent (Amendment) Regulations, 2009, as amended from time to time.</p> <p>State Transmission System: As per the concerned State Electricity Regulatory Commission's Regulations/ CERC (Open access) Regulations, 2008, as amended from time to time.</p>
Transmission Losses	Payable in kind from delivery point to its grid connection point.
Settlement Price(s)	The Market Clearing prices of the respective Bid Zones

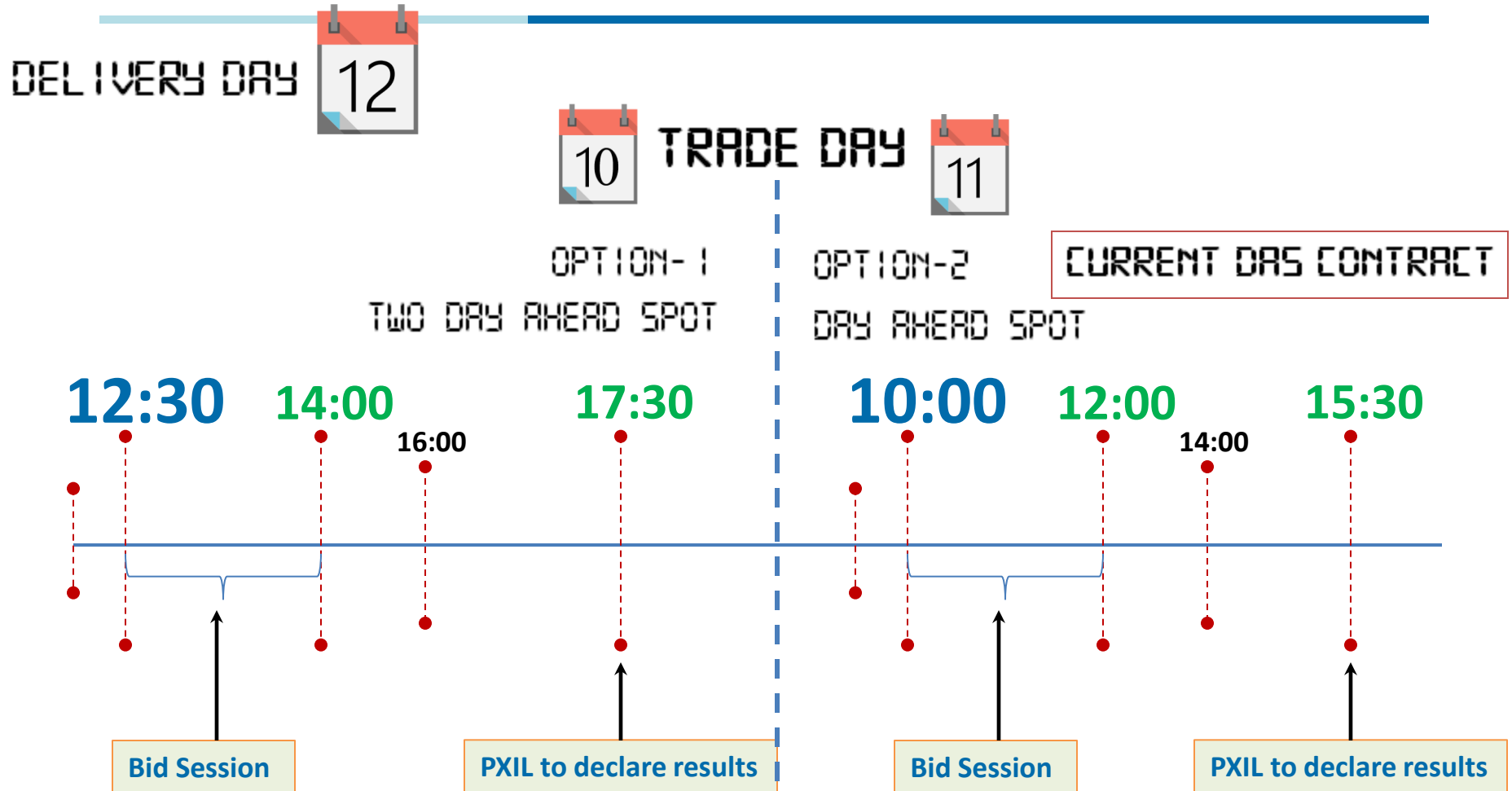
- ❑ Current Framework
- ❑ Market dynamics and needs
- ❑ 2 Day Ahead Spot Contract- Design and Framework
- ❑ Proposed Timelines
- ❑ Evening DAS Contract – Contract specs and Timelines
- ❑ Suggestions/Comments

Operational timeline – Existing National Day Ahead





2Day Spot and DAS- Timelines simplified



Proposed Timelines

Proposed Operational Timelines	
Day 'T'	
1230 HRS to 1400 HRS	Auction Trade Session
By 1400 HRS	Exchange to determine unconstrained MCP & determining provisional obligations of the Members
By 1500 HRS	Communication of unconstrained solution to NLDC.
By 1600 HRS	NLDC to confirm available limit for scheduling. Exchange will receive confirmation from bank for availability of funds & pull the funds towards requisite margins.
By 1700 HRS	Interaction with Members to ensure availability of funds. Exchange to determine Market Solution based on final funds status & final ATC
By 1730 HRS	Exchange submits the requisition to the NLDC
By 1800 HRS	NLDC confirms the final schedules to the Exchange
By 1830 HRS	Exchange issues the Final Obligation Report
Pay-in Day (T+2)	
By 1100 HRS	Pay-in of Funds by Buying Members
Pay-out Day (T+3)	
By 1100 HRS	Pay-out of Funds by the Exchange to Selling Members

Schedule your delivery 2 Days in advance without any financial burden..

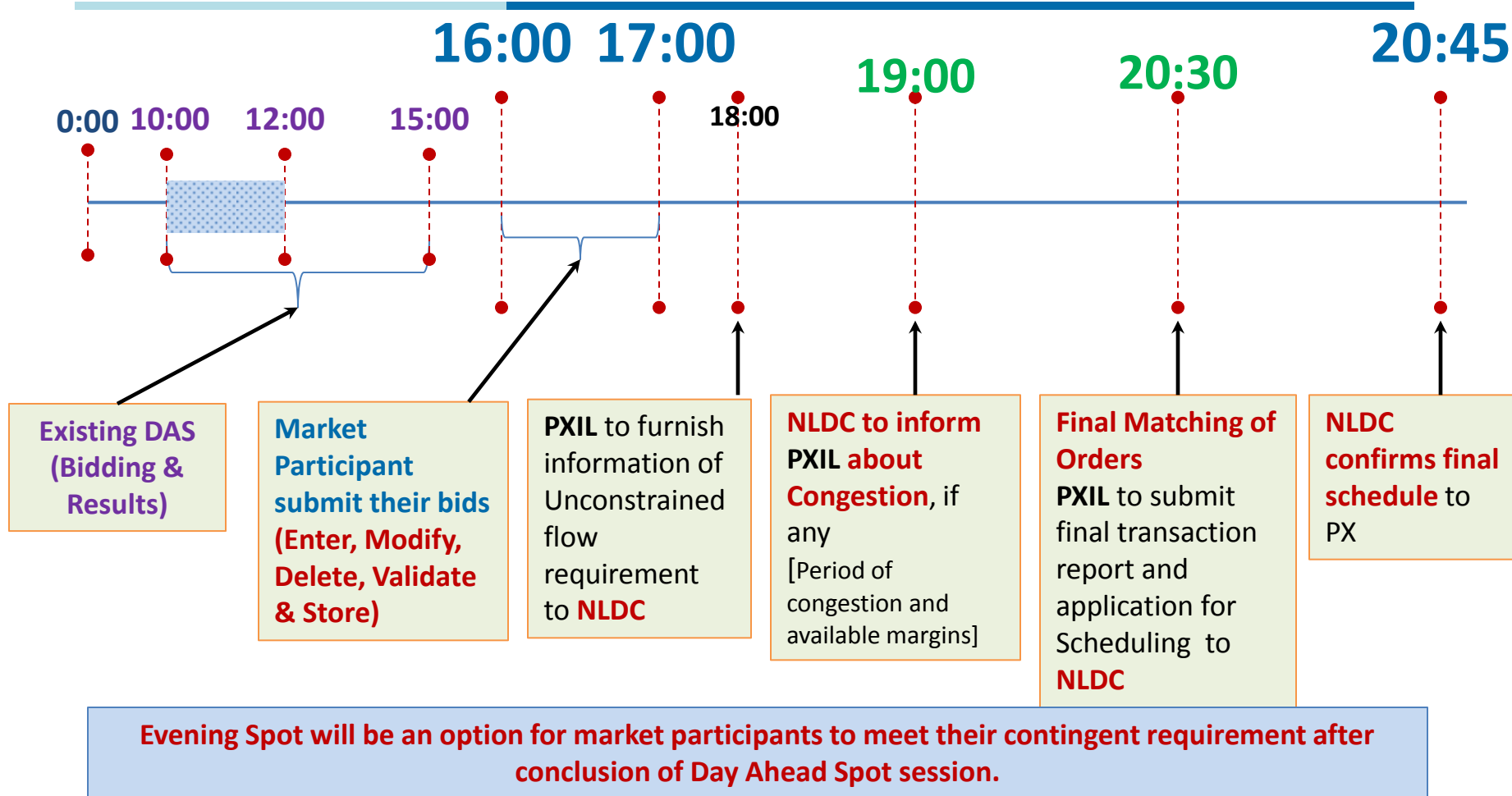
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Eve Day Ahead Spot Contract- Design and Framework

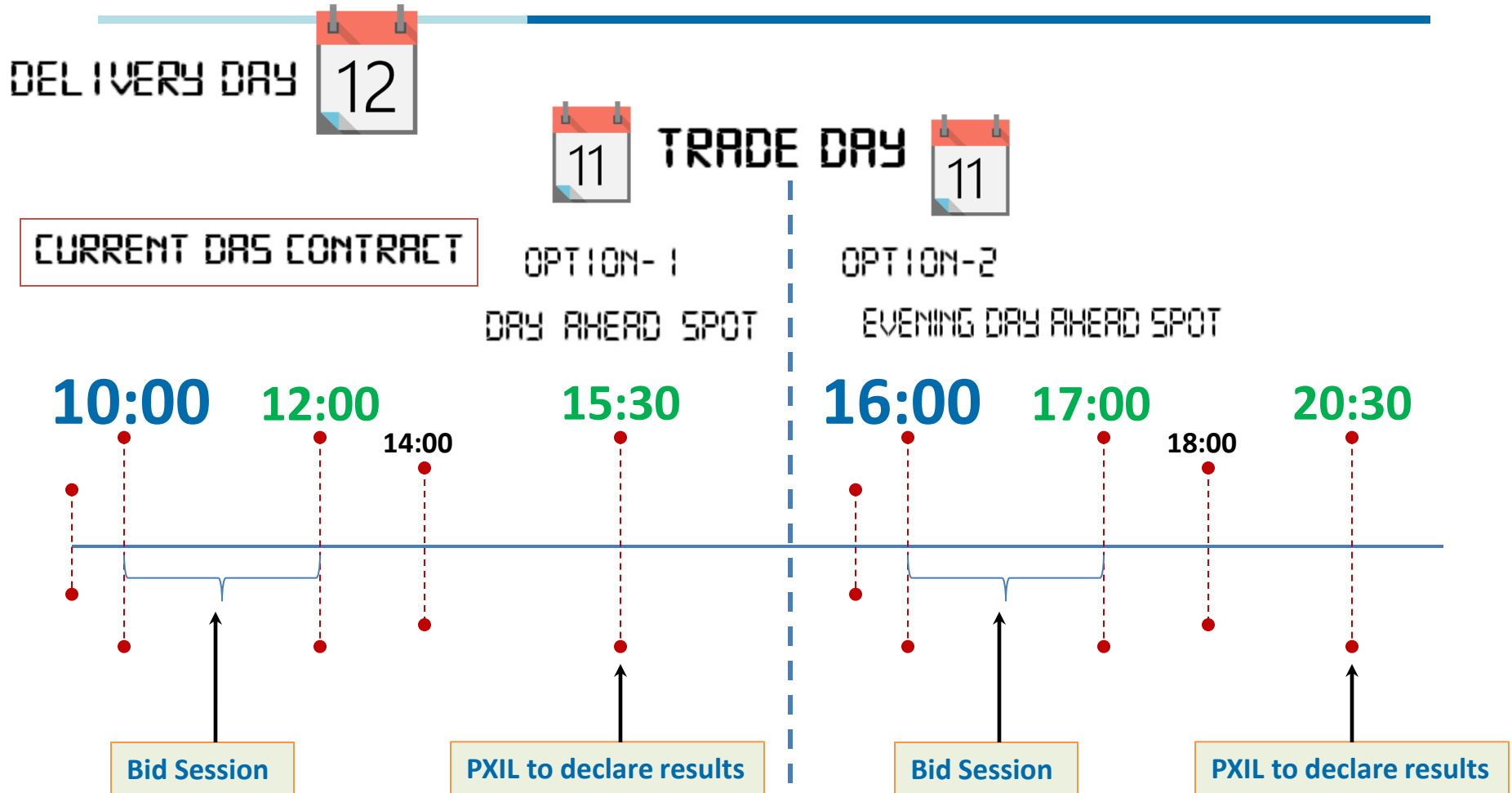
Proposed product specifications

Product Name	Evening Day Ahead Contract
Trading System	PXIL
Trading Methodology	Double Sided closed bid auction with uniform market clearing price
Auction Timings	1600 Hours to 1700 Hrs (Day-T)
No. of Contracts per day	96 Contracts (15 minutes time slot each) for T+1 day delivery
Minimum Bid Volume	0.1 MW or as decided by Exchange from time to time
Minimum Volume Quotation Step	0.01 MW
Minimum Value Quotation step	Rs. 10 per MWh
Delivery Point	Periphery of Regional Transmission System in which the grid-connected Exchange entity is located.
Transmission charges	<p>Inter-State Transmission System: As Per Central Electricity Regulatory Commission (Open Access in inter-State Transmission (Collective Transaction)) Regulations, 2008 and subsequent (Amendment) Regulations, 2009, as amended from time to time.</p> <p>State Transmission System: As per the concerned State Electricity Regulatory Commission's Regulations/ CERC (Open access) Regulations, 2008, as amended from time to time.</p>
Transmission Losses	Payable in kind from delivery point to its grid connection point.
Settlement Price(s)	The Market Clearing prices of the respective Bid Zones

Proposed Operational timeline: Eve-Spot



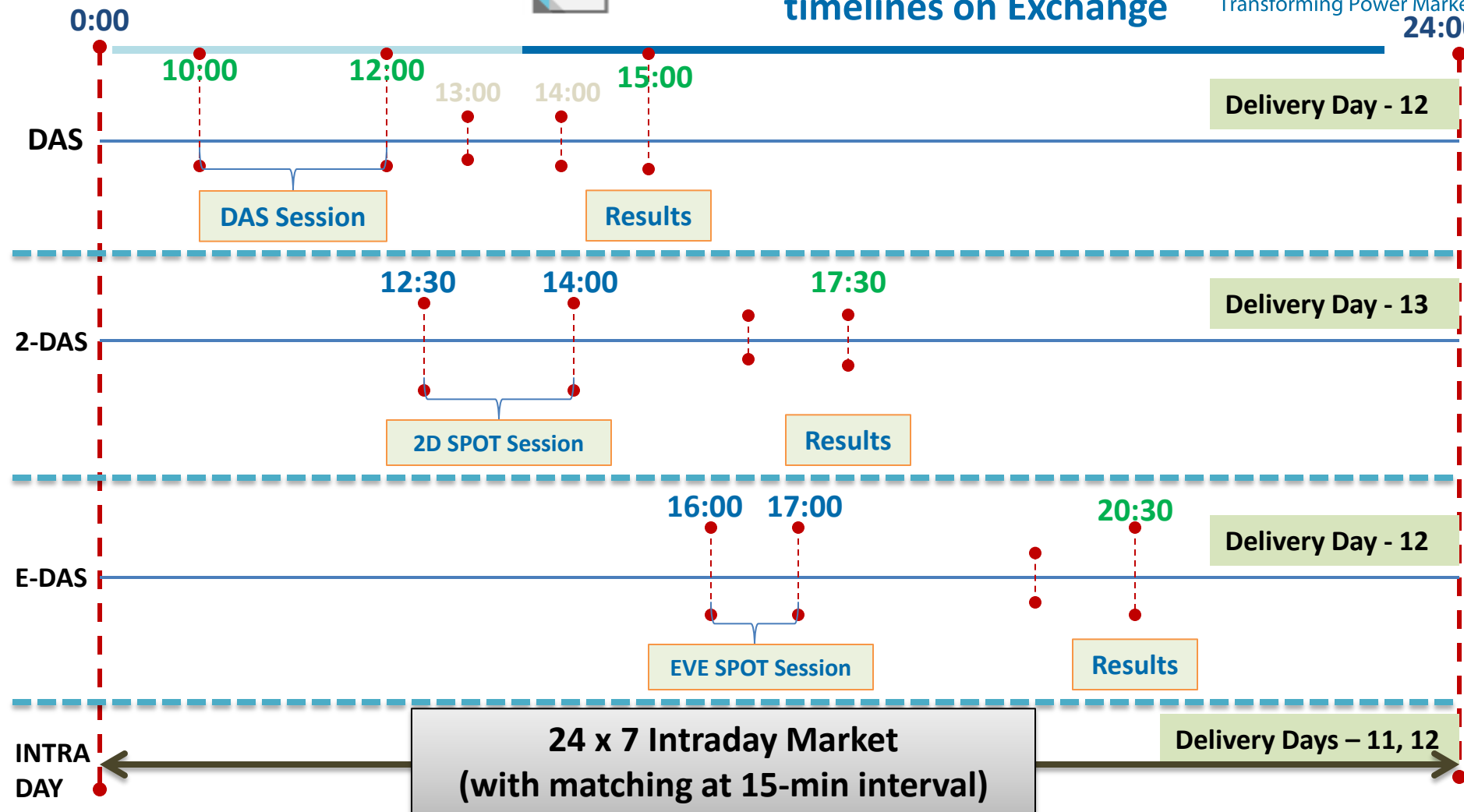
Evening Spot and DAS- Timelines simplified



TRADE DAY



Product operating timelines on Exchange



Disclaimer:

This presentation seeks to present the factual position relating to PXIL and our point of view on the prospects of Power Exchanges in general in the country. This presentation is thus only a compilation of such points of view and does not guarantee anything in particular. The user of this presentation is advised to verify the data and refer to the applicable Acts and Rules and Regulations before forming an opinion and taking any decision based on this presentation. This document is prepared on the understanding that PXIL, its employees and consultants are not responsible for the results of any action taken on the basis of the information in this document or for any error in or omission from this document. Further PXIL, its employees and consultants expressly disclaim all and any liability responsibility to any person who reads this document in respect of anything, and of the consequences of anything, done or omitted to be done by such person in reliance, whether wholly or partially, upon the whole or any part of the content of this presentation.

THANK YOU



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Day Ahead Contracts

Bidding Window: 10:00 AM to 12 Noon

Sellers	Qty (MW)	Price (Rs/kWh)
S1	50	2.5
S2	150	3
S3	200	4.5
S4	150	5
S5	300	6
S6	80	6

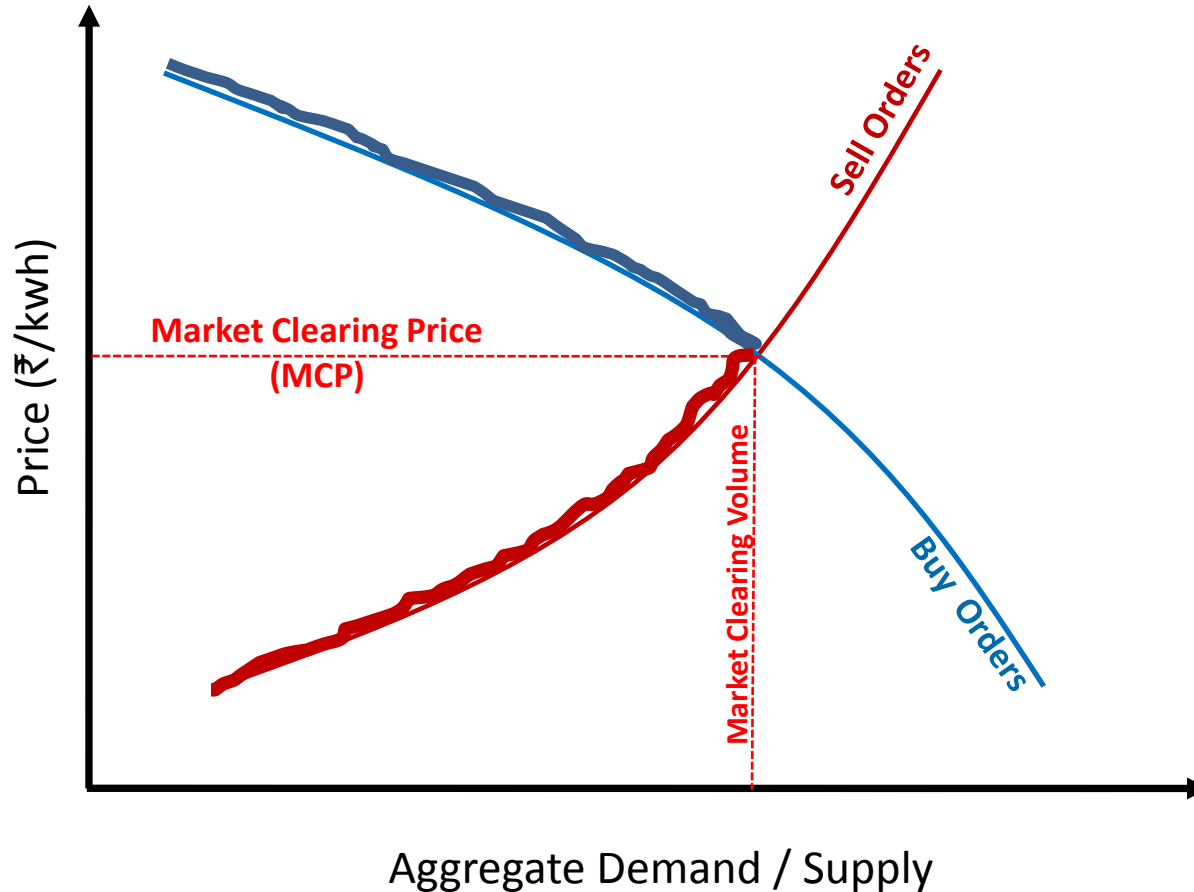
Buyers	Qty (MW)	Price (Rs/kWh)
B1	150	5
B2	100	4.5
B3	100	3.5
B4	200	3
B5	400	2.5

After Gate Closure at 12 noon

Price (₹/ kWh)	Aggregate Supply (MW)
2.5	50
3	200
4.5	400
5	550
6	930

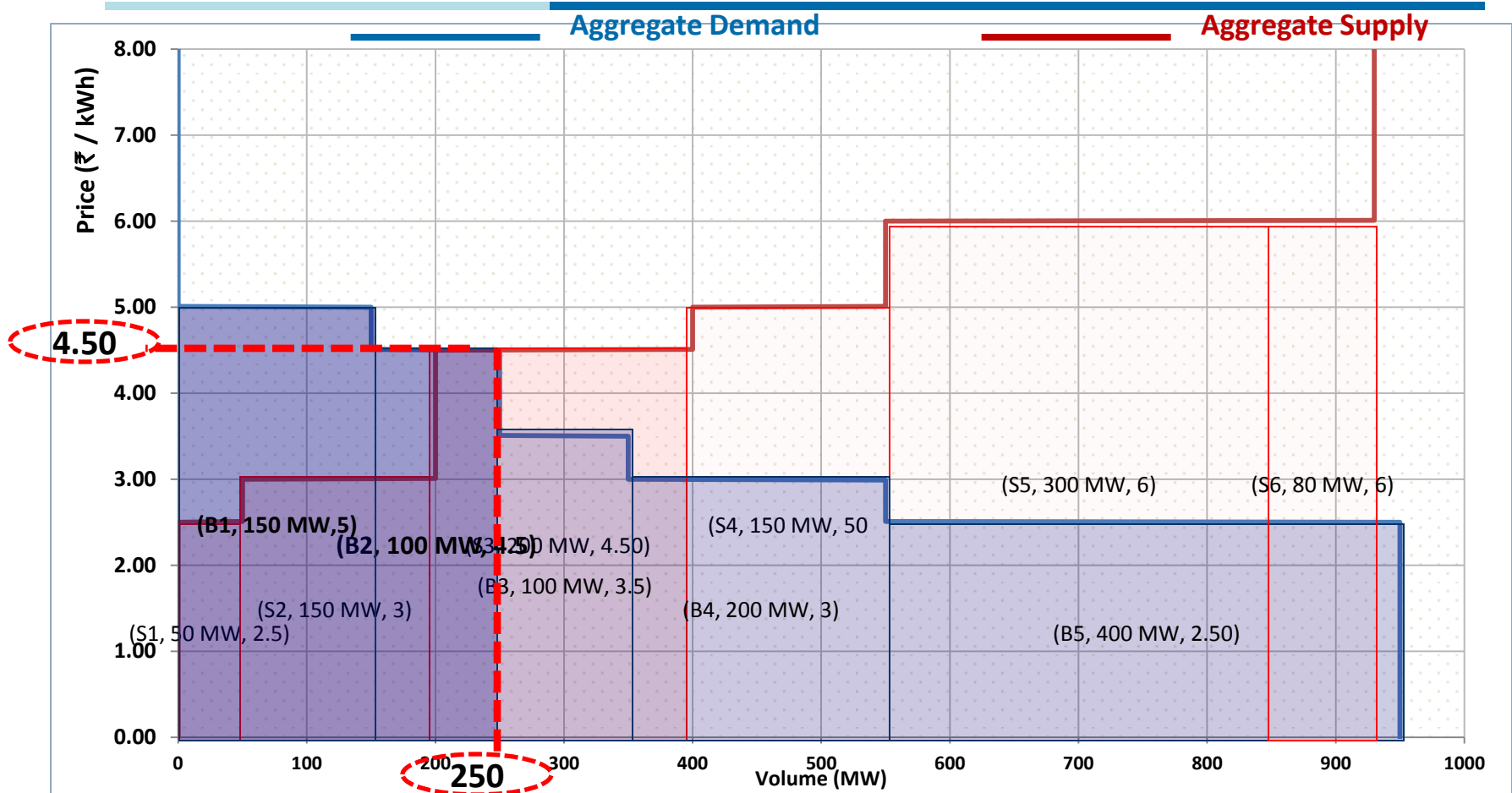
Price (₹/ kWh)	Aggregate Demand (MW)
5	150
4.5	250
3.5	350
3	550
2.5	950

Demand – Supply Matching



- All sell at Price equal to or lower than MCP is cleared
- All buy at Price equal to or higher than MCP is cleared
- All Trades are Settled at MCP
- Financial transactions settled based on PX schedule
- Variations in Supply or Drawl from schedule Settled under UI

Working Methodology



Day Ahead Contracts

Eligible bids for contract determination

Sellers	Qty (MW)	Price (₹/kWh)
S1	50	2.5
S2	150	3
S3	200	4.5
S4	150	5
S5	300	6
S6	80	6

Aggregate Supply (MW)
50
200
400
550
850
930

MCP at ₹4.50



Buyers	Qty (MW)	Price (₹/kWh)
B1	150	5
B2	100	4.5
B3	100	3.5
B4	200	3
B5	400	2.5

Aggregate Demand (MW)
150
250
350
550
950

MCP at ₹4.50



- ✓ Total Sell Eligible – 400 MW, Total Buy – 250 MW, Cleared quantum- 250 MW
- ✓ Eligible Buyer: B1-150 MW, B2- 100 MW
- ✓ Eligible Seller: S1- 50 MW, S2- 150 MW, S3- 50 MW

Detailed statement of Regulated Sale for the Financial Year 2014-15 (Nov.14 to Jan.15)

Regulating Entity - NHPC Ltd. Regulated Entity- Meghalaya Energy Corporation Ltd.	Generating station from where regulation is done	Quantum of regulated power (in MWH)		Mode of sale of regulated power (through exchange or through traders of UI etc)	Total revenue earned from sale of regulated power (in Crs)	Detail of expenditure incurred towards below mentioned heads (in Crs)					Amount of outstanding dues of the Regulated Entity (in Crs)	Amount adjusted against the outstanding dues of the Regulated Entity (in Crs)	Remaining amount, if any, to be passed on to the Regulated Entity (in Crs)		
		Injection at Regional periphery (MWh)	Injection at Interface point (MWh)			IEX Charges	PTC professional charges	Registration fee for exchanges or traders' fee etc	Adjustment of energy charges	Any other incidental expenses with detail				TOTAL EXP. AND ECR	
1	2	3		4	5	6a	6b	6c	6d	6e	6f	7	8	9=5-6f-8	
Nov-14		2066.950	2100.430	Through Power Exchange- IEX (Indian Energy Exchange)	0.5671	0.0314	0.0093	-	0.2974	-	0.3381	14.4900	0.2289		
Dec-14		1304.125	1328.788		0.4158	0.0203	0.0059	0.0112	0.1939	-	0.2313	15.0100	0.1845		
Jan-15		1135.800	1152.955		0.3463	0.0183	0.0051	-	0.1656	-	0.1890	15.4500	0.1572		
Principal												-		-	
Interest												-			
LPS											-				
Total		4506.875	4582.173		1.329	0.070	0.020	0.011	0.657	0.000	0.758		0.571	0.000	



Assam Power Distribution Company Limited
Bijulee Bhawan ::: Paltanbazar ::: Guwahati-781001

Fax no. 0361 – 2739501
E-mail-
acecomt.aseb@rediffmail.com

No.APDCL/ ACE (COM)/ PS-8(1)/ PT - 3/ 2006/ 62

Dated 18. 12. 2014.

To,

1. The Chief Engineer (Power),
Western Electrical Zone, Department of Power,
Govt. of Arunachal Pradesh Itanagar – 791111.
2. The Chief Engineer (P&E),
Department of Power, Govt. of Nagaland,
Kohima-797001.

Sub : Bilateral Issues in Assam and Arunachal Pradesh/ Nagaland on energy exchange at 33 KV/ 11 KV level and decisions in the 22ND Commercial Committee Meeting of NERPC there upon.

Sir,

kindly refer the Minutes of 22ND Commercial Committee Meeting of NERPC dated 12.09.2014 where several issues on above subject matter was deliberated under Item No. 3 and decided accordingly in the overall interest of the region. Extract copy of the Minutes is enclosed herewith for your ready reference.

APDCL has conveyed its thanks to Arunachal Pradesh for releasing the payment of ` 27,69,714.00 against Bordumsa-Ketetong Feeder. The decisions taken by above commercial committee meeting are follows:

3.1 Energy supply to Arunachal and Nagaland through 33/ 11 KV Network.

Keeping in view the accounting problems under POC regime, the NERPC Forum has advised to go for bilateral energy accounting under the present evacuation mechanism. The decision is taken to just to separate such transaction from the real time accounting followed in present accounting system. But because of absence of Arunachal representative decision on the tariff applicable for such bilateral transaction could not be settled in that meeting. Now the tariff is to be agreed at bilateral/ NER commercial level.

In this connection I would like to inform you that the applicable tariff for export from APDCL would be the tariff under category 'Bulk Others' as decided by AERC from time to time. For the export from Arunachal and Nagaland the applicable tariff would be as per their State/ Regulatory Tariff applicable for such transaction. If such regulatory state tariff is not available within Arunachal/ Nagaland, then APDCL feels the same tariff applicable for APDCL export could be implemented for Arunachal/ Nagaland also till such tariff does not come up there.

APDCL intends to implement the proposed bilateral accounting and billing system with effect from the beginning of the next financial year with effect from 1st April' 2015.

3.2 Anomalies of Meter Reading of 11 KV Rowing Feeder.

This is an issue relating to Arunachal in connection with malfunctioning of energy meter of Rowing feeder for the period of April' 2009 to July' 2011. After replacement of the meter in July' 2011, the energy for the meter stop period is to be regularized based on average consumption of three months of either preceding or succeeding period whichever is higher. But because of absence of Arunachal representative, the applicable energy quantum could not be resolved in the meeting.

The applicable tariff for billing would be as per average monthly UI rate as agreed in the Ketetong feeder.

Because of absence of Arunachal/ Nagaland representatives in the subsequent 23RD Commercial Committee Meeting of NERPC, the matter could not be settled. In the 23RD CC meeting the NERPC Secretariat advised to arrange a joint meeting either at Arunachal or Nagaland or at Shillong as per your convenience wherein the NERPC also agreed to grace the occasion.

In view of the above, you are requested to kindly fix up a date within first half of January' 2015 either at state-wise basis or common basis and location as per your convenience and intimate accordingly.

Your positive response is awaited.

Yours sincerely

Chief General Manager (Commercial), APDCL.

Memo No. APDCL/ ACE (COM)/ PS-8(1)/ PT - 3/ 2006/ 62(A) Dated 18. 12. 2014.

Copy for information to:

1. The PS to the MD, APDCL – For kind information of the MD.
2. The Member Secretary (I/C), NERPC, Meghalaya State Housing Finance Co-Operative Society Limited Building, Nongrim Hills, Shillong-793003.

Chief General Manager (Commercial), APDCL.