

**AGENDA FOR THE 35th COMMERCIAL SUB-COMMITTEE MEETING OF ERPC
SCHEDULED HELD ON 02.08.2017 (WEDNESDAY) AT 11:00 HRS AT ERPC,
KOLKATA**

ITEM NO. 1 Confirmation of the minutes of the 34th Commercial Sub-Committee meeting held on 06.02.17

The minutes of the 34th Commercial Sub Committee meeting were intimated vide ERPC letter No-ERPC/COM-I/GEN/2016/1857 dated 13.02.2017

No request for amendment has been received by ERPC Secretariat.

Members may confirm the minutes of the 34th Commercial Sub Committee Meeting.

ITEM NO. 2 Payment/Receipt Status from various pool accounts in ER

a) Payment of Deviation Charge – Present Status.

As informed by ERLDC, The status of Deviation Charge payment as on 20.07.2017 is enclosed at **Annexure – I**. The current principal outstanding Deviation Charge of BSPHCL & JUVNL is **Rs. 24.40 Cr & Rs. 10.79 Cr** respectively considering bill up to 09.07.2017. Moreover, an interest amount of **Rs. 50.14 Lacs and Rs. 30.56 Lacs** (as on 20.07.2017) is also payable by BSPHCL & JUVNL respectively due to delay payment of DSM charges. ERLDC has also given reminders to BSPHCL on 28.06.17 & 20.07.2017 requesting to liquidate the entire Deviation charges.

SIKKIM, APNRL and IBEUL are not paying deviation charges amount to the Pool and waiting for adjustment with the receivable amount..

JUVNL, BSPHCL, APNRL, SIKKIM & IBEUL may confirm the program for payment of outstanding dues.

b) Disbursement of Interest due to delayed payment of deviation charges

As intimated, ERLDC had received/recovered interest amount from JUVNL, BSPHCL and APNRL towards interest due to delayed payment of deviation charges in FY 2016-17. Same amount was paid towards deviation interest payment to the receiving constituents and Ancillary services. Details of Interest disbursement are mentioned in **Annexure-II**. With this, outstanding deviation charges including interest for all the ER constituents (*except APNRL which has Rs. 28,476 & Vedanta has Rs. 3, 51,637 towards interest*) along with Inter-regional Pool during FY 2016-17 are fully settled.

This is for information to the members.

c) Reactive Energy Charges – Present Status.

The updated position of Receipt/Payment of Reactive Energy Charges in the pool as on 25.07.2017 (considering bill up to 09.07.2017) is indicated in **Annexure – III**. The total outstanding receivable on account of Reactive charges from WBSETCL/WBSEDCL is **Rs. 2.41 Cr** & from BSPHCL is **Rs. 0.94 Lac**.

Out of the above amount of **Rs. 2.41 Cr**, reactive amount receivable from WBSEDCL prior to 04.01.2016 is **Rs. 1.82 Cr** (prior to Suo-moto order dated 21.07.2016 of the Hon'ble WBERC in the matter of case no: SM-14/16-17)

In response to a request by ERPC, a letter has been received from Hon'ble WBERC recently (at **Annexure-L**) in which the state Commission has advised to settle bills prior to 04.01.2016 as per practice being followed at that time.

WBSETCL/WBSEDCL & BSPHCL may confirm the program for payment of outstanding dues.

d) RRAS Account ----Present Status

The updated position of Payments to the RRAS Provider(s) from the DSM pool and Payments by the RRAS Provider(s) to the DSM pool as on 20.07.2017 (considering bill up to 09.07.2017) is indicated in **Annexure – IV**. So far **Rs. 53.3 Cr** have been settled under RRAS in ER during FY 2017-18.

This is for information to the members.

e) Congestion account - Present Status

ERLDC have informed that the status of congestion charge payment after full settlement is enclosed at **Annexure – V**

Members may note.

f) Status of PSDF

As intimated, an amount of **Rs. 21.34 Cr** from Reactive account have been transferred to PSDF after 34th Commercial sub-committee meeting held on 06.02.17. With this the total amount of **Rs. 921.7 Cr** has been transferred to PSDF so far. *No amount from Deviation pool has been transferred to PSDF A/c since 29.06.16 and surplus amount in deviation pool is being utilized for settlement of RRAS Bill.* The break up details of fund transferred to PSDF (till 25.07.17) is enclosed in **Annexure VI**.

This is for information to the members.

ITEM NO. 3 Reconciliation of Commercial Accounts

i. Deviation Account

At the end of 1st quarter of 2017-18, the reconciliation statement (Period: 01.04.17 to 30.06.17) has been issued by ERLDC on 04.07.17 and statements had been sent to the respective constituents and also uploaded the same at ERLDC website (www.erlhc.org). The constituents were requested to verify /check the same & comments if any on the

same were to be reported to ERLDC by 21.07.2017. The status of reconciliation is enclosed in **Annexure-VII**.

BSPHCL, JUVNL, DVC, WBSETCL, SIKKIM, MPL, APNRL, JITPL, IBEUL, TPTCL, JLHEP (DANS Energy), TUL & DICKCHU have not signed reconciliation statement for 1st quarter of 2017-18. Further JUVNL, SIKKIM, MPL, APNRL, JITPL & TPTCL have not signed reconciliation statement for previous Quarter of 2016-17.

JLHEP (DANS Energy) & IBEUL have not yet signed any reconciliation statement since becoming regional entity.

Above constituents are once again requested to submit the signed reconciliation statement at the earliest.

If the confirmation is not received within 2 weeks from the date of issuance of letter the statements issued by ERLDC have been deemed to be reconciled.

ii. Reactive Account

At the end of 1st quarter of 2017-18, the reconciliation statement (Period: 01.04.17 to 30.06.17) has been issued by ERLDC on 04.07.17 and statements had been sent to respective constituents and also uploaded the same at ERLDC website (www.erldc.org). Constituents were requested to verify /check the same & comments if any on the same were to be reported to ERLDC.

WBSETCL may reconcile the Reactive account.

iii. RRAS Account

At the end of 1st quarter of 2017-18, the reconciliation statement (Period: 01.04.17 to 30.06.17) has been issued by ERLDC on 04.07.17 and statement had been sent to RRAS Provides and also uploaded the same at ERLDC website (www.erldc.org). RRAS Provider i.e NTPC has already reconciled the RRAS Account.

This is for information to the members.

iv. Short Term Open Access

a. For STOA payments made to SLDC / STU:

The reconciliation statements of STOA payments for the period Apr'17 to Jun'17 have been sent to the DVC, OPTCL and WBSETCL for checking at their end and confirmation.

WBSETCL has confirmed for the entire period. DVC is yet to confirm for the month Apr-17 & Jun-17. OPTCL is yet to confirm only for Jun-17.

As per clause 15.1 of CERC approved STOA bilateral procedure since the confirmations have not been received within 2 weeks from the date of issuance of the letters the statement issued by ERLDC have been deemed to be reconciled.

Members may note.

b. For payments made to STOA applicants:

The reconciliation statements of STOA payments for the period of Apr'16-Mar'17 have been sent to the CESC, DVC, GMRKEL, JITPL, JUVNL, SAIL-RSP, TATA Steel(Discom),TSFAP Bamnival,TSFAP Joda,TSL Kalinganagar and WBSEDCL for checking at their end and confirmation.

CESC,GMRKEL,TSL(Discom),TSL Kalinganagar,TSFAP Joda has confirmed for the entire period. JITPL,JUVNL,WBSEDCL and TSFAP Bamnival are yet to confirm for the period of Jan-17 to Mar-17. SAIL-RSP is yet to confirm for the period of Jul-16 to Mar-17.

The reconciliation statements of STOA payments for the period of Apr'17-Jun'17 have also been issued.

As per clause 15.1 of CERC approved STOA bilateral procedure since the confirmations have not been received within 2 weeks from the date of issuance of the letters the statement issued by ERLDC have been deemed to be reconciled.

The details is attached in the **Annexure-VIII**

Since there is a serious audit objection on non-signing of DSM, Congestion and STOA reconciliation statement it is once again requested that all regional pool members may check and sign the statement sent by ERLDC.

Members may take necessary action for signing the statements at the earliest.

ITEM NO. 4 State Transmission Utility Charges and Losses applicable for STOA for FY 2016-17

As available with ERLDC the STU charges and losses to be considered for STOA for FY 2017-18 is as follows:

Name of STU	Intra-State Transmission Charges	TRANSMISSION LOSS (For Embedded entities)
WBSETCL	*	3.10%
DVC	Rs. 80 / MWh	3.04%
OPTCL	Rs. 62.5 / MWh	3.70%
JUSNL	*	#
BSPTCL	*	#
SIKKIM	*	#

N.B:* Indicates rates yet to be furnished by concerned State Utilities. Transmission Charges for use of

state network shall be Payable @ Rs.80 per MWh as per subsequent Amendment regulation 2009-

dated 20.05.2009.

Not yet intimated by the State Utility.

State Load Despatch Centre Operating Charges for STOA for FY 2017-18

Name of SLDC	SLDC Operating Charge
West Bengal	**
DVC	**
Odisha	Rs. 2000
Jharkhand	**
Bihar	**
SIKKIM	**

N.B:

** Indicates rates yet to be furnished by concerned State Utilities.

Operating charges at the rate of Rs 1000/-, per day or part of the day for each bilateral transaction for each of

the Regional Load Despatch Centre involved and at the rate of Rs 1000/- per day or part of the day for each

State Load Despatch Centre involved shall be payable by the applicant as per subsequent Amendment regulation 2009-dated 20.05.2009.

This is for information to the members.

ITEM NO. 5 Information of Deviation/reactive payment in ER pool account

Constituents of Eastern region are making payment of Deviation charge and Reactive Charge in ER Pool Accounts. However ERLDC is not getting details of payment made in ER pool account. In 31st and subsequent CCM, all the ER pool members were requested to send the details of payment in the format (given below) to ERLDC in the email account at erldcomml@posoco.in.

S.No	Name of Utility	Amount	DSM/Reactive Account Week No	Date	Cheque No	Mode of Payment

APNRL, DANS Energy, JLHEP, TPTCL and MPL are sending the details.

DVC and WBSETCL are sending through Hard Copy.

Other constituents may furnish the details of payment made in ER Pool.

ITEM NO.6 Opening of LC by ER constituents for DSM payments

The details of LC amount required to be opened in 2017-18 by ER constituents is given in **Annexure - IX**. Letters to this effect has already been issued by ERLDC to the defaulting entities viz, BSPHCL, GMR, GATI, JITPL, IBEUL, BRBCL, JLHEP (DANS Energy), TPTCL, NVVN (Nepal) and TUL. At present JUVNL, Sikkim, APNRL & BRBCL have valid LC. Rest of the constituents which were required to open/recoup the LC, have not opened/recoup the LC.

BSPHCL, GMR, GATI, JITPL, IBEUL, JLHEP(DANS Energy), TPTCL, NVVN(Nepal) and TUL may please intimate the latest status.

ITEM NO.7 Updation of CT/PT Ratio

The meter details along with the CT/PT ratio are uploaded at ERLDC website (www.erlhc.org). The constituents are requested to check CT/PT ratios being used. Comments/discrepancies, if any, on the same may please be communicated to ERLDC at the earliest. So far no discrepancy has been reported to ERLDC.

Members may please update.

ITEM NO.8 Meter readings related issues

i. Dehri (BSPTCL)

Dehri (BSPHCL) end meter NP-6097-A installed for 220 KV Pusauli (PG) line is recording 2/3rd reading as compared to Pusauli end meter data since 03.07.17. The above problem was informed to BSPTCL, Gaya(PG) and Pusauli (PG) through email with request to check CT and PT connection along with PT Fuse at Dehri. Meter data validation of the aforesaid line is not possible until meter data at Dehri end is correct.

BSPTCL / PGCIL may please update.

ii. Chandil (JUVNL)

Chandil (JUVNL) end meter NP-7436-A installed for 220 KV Santaldih (WB) line is recording 1/4th reading as compared to Santaldih end meter data since 07:45 Hrs of 19.07.17. The above problem was informed to SLDC Ranchi & PGCIL through email with request to check Healthiness of meter as well as CT and PT connection along with PT Fuse at Chandil. Meter data validation of the aforesaid line is affected since 19.07.17.

JUVNL may respond.

ITEM NO.9 Non Receipt of SEM data from Various Locations

i. Kurseong, Kalimpong & Rammam (WBSETCL)

SEM data of all 132kV and 66 kV tie lines from Kurseong, Rammam & Kalimpong end respectively are not being sent to ERLDC since 19.06.17 due to on-going protests in North Bengal area. These metres are also not reporting to AMR since 16.06.17 due to communication failure. Due to non-receipt of SEM data from the above mentioned locations, standby meter is used for WBSETCL energy calculation. WBSETCL is requested to advise its vendor M/s Squarem Tech to collect the SEM data from the above locations and send the same to ERLDC by every Tuesday after normalisation of the North Bengal situation.

WBSETCL may please respond.

ii. Samastipur (BSPTCL)

220kV Samastipur (BSPTCL) – Darbhanga (DMTCL) line has already been charged and line is loaded since 16.04.17. Interface meter has been installed at Samastipur end of the aforesaid Line. As this line is a Tie Line of BSPHCL and SEM data is not received since the charging of line. Data validation of Darbhanga (DMTCL) end meter is not possible due to unavailability of meter data from Samastipur.

The matter of non-availability of Samastipur data was last discussed in 135th OCC meeting held on 24.07.17 where BSPTCL agreed to send the SEM data by arranging laptop at their end. However Samastipur end data is still not being sent from BSPTCL end.

BSPTCL may please respond.

iii. NPGC (BSPTCL)

132kV Rihand-Sonenagar Line is made LILO at NPGC (BSPTCL) almost two months back. Now, 132kV Rihand-NPGC is the new tie line of NR-ER corridor. Meter is installed at NPGC end for both 132kV Rihand (NR)-NPGC and 132kV Sonenagar (BSPTCL)-NPGC feeders. SEM details are available with ERLDC but data is not yet been received by ERLDC since the installation of meter.

BSPTCL may please respond.

ITEM NO.10 Defective SEM at Rangpo (PGCIL)

Meter data of 5(five) nos of SEM installed at Rangpo (PG) is not being sent to ERLDC since last one & half month. Rangpo (PG) was asked via e-mail and telephonically to send the SEM data to ERLDC. It was informed by Rangpo (PG) that meters are not working and the problem started after time correction of respective meters. The meter details are as below:

NP-7623-A 220 KV SIDE OF RANGPO 100 MVA 220/132 ICT-3
NP-7622-A 400 KV SIDE OF RANGPO 315 MVA 400/220 ICT-2
NP-7621-A 400 KV SIDE OF RANGPO 315 MVA 400/220 ICT-1
NP-7619-A 400 KV RANGPO (PG)-TEESTA (NHPC) LINE-2
NP-7620-A 400 KV RANGPO (PG)-BINAGURI (PG) LINE-2

The matter was informed to ERTS-II, Powergrid for replacement of defective meters. The meter is yet to be replaced at Rangpo end. Due to non-receipt of meter data of so many meters at a time, data validation and energy accounting is very difficult.

PGCIL may please update the status.

ITEM NO.11 Installation of Check & Standby Meters at Tie Lines

i. New Town & Bantala (WBSETCL)

Two nos of 220kV feeders are feeding power to Bantala and Newtown from Subhasgram (PG). SEM is placed only at Subhasgram (PG) end for the above lines whereas no standby meters has been installed at Bantala as well as Newtown end. In absence of Subhashgram(PG) end data, no back up meter available for the above lines for accounting of the power flow through these Tie lines. *As per CEA Metering regulation, meter is required to be installed at both end of the line between substations of two different Licensees.*

PGCIL/WBSETCL is requested to coordinate action for installation of meter.

ii. EM Bypass (WBSETCL)

SEM are placed at Subhasgram (PG) end only for 220kV Subhasgram (PG)- EM Bypass D/C. No standby meters has been installed at EM Bypass (WBSETCL) end. In absence of Subhashgram (PG) end data; there is no back up meter available for accounting of the power flow through these Tie lines. *As per CEA Metering regulation, meter is required to be installed at both end of the line between substations of two different Licences.*

PGCIL/WBSETCL is requested to coordinate action for installation of meter.

iii. Subhasgram (WBSETCL)

SEM are placed at Subhasgram (PG) end only for 220kV Subhasgram (PG)- Subhasgram D/C. No standby meters has been installed at Subhasgram (WBSETCL) end. In absence of Subhashgram (PG) end data, there is no back up meter available for accounting of the power flow through these Tie lines. *As per CEA Metering regulation, meter is required to be installed at both end of the line between substations of two different Licences*

PGCIL/WBSETCL is requested to coordinate for installation of meter

iv. Barh (NTPC)

As per clause 7(1) of Central Electricity Authority (Installation and Operation of Meters) Regulations 2006 & subsequent amendments, Main & Check Meters are to be installed on all outgoing feeders of Generating Stations. Main and Check meters are already installed at all outgoing feeders at Barh except 400 KV Kahalgaon (NTPC) Line-1 and 400 KV Patna (PG) Line-1 where Check meter is yet to be installed. Earlier Check meter was not installed due to scarcity of meters in the region. Since Genus make meter under new procurement is already delivered, 02 nos of check meters are to be installed at Barh for the above feeders.

PGCIL/NTPC may please respond.

ITEM NO. 12 Implementation of Automatic Meter Reading in Eastern Region

The implementation of AMR 3rd phase was last discussed in 35th TCC/ERPC meeting held on 25.02.17 and it was informed by PGCIL that all 37 locations has been integrated to AMR. There are few locations Like Balimela, Lakisarai (PG), Darbhanga, Gyalesing (Sikkim), Rangpo, Sagbari, TUL, Alipurduar, Atri, Samangara and Sundergarh wherein AMR is yet to be integrated.

The list of meter and location of 3rd phase is in **Annexure-X**.

Presently we are receiving data from 124 locations out of total 153 locations through AMR. The status of data receipt from the locations as below:

- Number of meters for which AMR has been commissioned-820/153 DCUs
- Number of Meter & locations as per LOA/Phase-I 458 meters/97 locations.
- Number of Meter & locations as per LOA/Phase-II 198 meters/19 locations.
- Number of Meter & locations as per LOA/Phase-III 249 meters/37 locations.
- Number of meters for which data is received: 620
- Number of locations for which data is received: 124 locations
- Number of DCUs online-124 DCU
- Number of DCUs offline-29 DCU

After the phase-wise completion of AMR 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/Laptop and send it by mail. As such DCD is required to be kept in charged condition. Of late, there have been issues with the GPRS communication/DCU for around 15 locations.

Powergrid may take up the issue on priority basis with the vendor and update the status of implementation for remaining locations.

ITEM NO.13 Time correction of SEMs in Eastern Region

The issue was discussed in 35th TCC/ERPC meetings and it was felt that the meters with severe drift greater than 10 min need to be replaced first and if replacement is done with Genus then readings are to be collected manually using Laptop till interfacing with AMR is completed. 35th ERPC advised Powergrid to replace the 10% of the heavily drifted SEMs with new Genus make meters in Phase-I. Subsequently drifted meter replacement work of Phase –I for 24 meters have been completed.

As per decision taken in 134th OCC meeting, another 10% heavily drifted meter list was prepared by ERLDC and given to Powergrid for replacement. However meter replacement work for 2nd phase is yet to be done. Same is enclosed in **Annexure-XI**.

POWERGRID may please further update the status.

ITEM NO.14 Non-submission of weekly SEM readings by Tuesday noon from non- AMR Locations/ faulty AMR locations

As per IEGC (effective from 3.5.2010) Sub-clause-22 of Clause-6.4 (demarcation of responsibilities), all concerned utilities in whose premises SEMs are installed shall take weekly meter readings and transmit the same to RLDC by Tuesday noon for timely issuance of Deviation account Bill. Significant improvement in timely receipt of SEM data has been seen after AMR implementation at various locations and most of the meter data is being received by Tuesday. Recently Genus meters are installed at few locations in Eastern Region and integration of Genus meter in AMR is under progress, data of those Genus meters are being sent manually. However general trend of receipt of readings is as below:

By Wednesday or later: Birpara, Ranchi New, Pusauli, Rangpo, WBSETCL (North Bengal) & SIKKIM

Constituents are requested to send data on time.

ITEM NO.15. Procurement of new SEM's and DCD/Laptops

In 30th ERPC meeting procurement of 965 no of SEM's and 110 nos of Laptop/DCD (in 111th OCC meeting) was approved. Further 31st TCC/ERPC approved the cost sharing mechanism of expenditure on SEM's and DCD/Laptops along with POWERGRID overhead charges @ 15% to be shared by the beneficiaries constituents of Eastern Region in proportional to the share allocation for the month in which the proposal was approved in the ERPC meeting.

In 33rd TCC/ERPC, PGCIL informed that delivery is expected in six phases starting August'16. In 34th CCM held on 06.02.17 and 35th TCC/ERPC meeting held on 24.02.17 & 25.02.17, Powergrid informed that receipt of Genus make meters have already started and had been installed in some locations and their integration with AMR was under process by M/s TCS.

Powergrid may further update the status of meter procurement.

ITEM NO.16. Integration of Genus Make meter in AMR

In Eastern Region, order for procurement of 965 no of SEM's was placed with M/s Genus Power. First Lot of the meters have already been delivered by Genus and 24 meters of Genus make meter has been installed in different substation in ER. Issue of Integration of Genus make meters in AMR system was discussed in meeting held with PGCIL, ERLDC, M/s Genus, & M/s TCS on 02.03.17 at ERLDC. In 133rd OCC, Powergrid informed that it will take some more time and asserted it will be done by June, 2017.

In 134th OCC, Powergrid informed that communication of meter in AMR system is established and DCU able to read the Genus make meter data however there are some issues related to baud rate of communication and testing is in progress at Subashgram (PG). It is expected to be completed by July, 2017.

Powergrid may please further update.

ITEM NO.17 Accounting of Tertiary Loading Arrangement at PGCIL s/station in ER

Auxiliary consumption of PGCIL EHV AC sub stations are usually met from HT feeders of the State Discom. In few substations of PGCIL, auxiliary consumption is met through tertiary winding (as alternate supply for reliability). At present State net drawl through Powergrid substation in ER is being computed considering meter installed at feeders after LV side of Transformer. Those sub stations where auxiliary requirement is met through tertiary, States net drawl need to be computed by adding drawl through feeders after LV side of Transformer and auxiliary consumption through tertiary.

In NR, WR & SR, auxiliary power through tertiary is already being accounted in States net drawl.

In order to account for the drawl through tertiary for Auxiliary consumption, PGCIL is requested to:

1. Provide list of substations in ER where auxiliary supply is met through tertiary.
2. Install SEM on 33 KV tertiary side of transformers used for auxiliary supply.

133rd OCC advised Powergrid to send the readings of SEMs connected to tertiary windings to ERLDC regularly for accounting purpose. Further OCC decided that after getting the SEMs details of all tertiary loadings, ERPC/ERLDC will devise a mechanism for accounting of the tertiary loading arrangement.

In 134th & 135th OCC, Powergrid was advised to submit the details of pending SEM details connected to tertiary windings and also the SEM readings on regular basis to ERLDC and ERPC for accounting of the tertiary loading arrangement.

Status of meter details and receipt of their data at ERLDC from Powergrid ER-I, ER-II and Odisha project is at **Annexure-XII**

Powergrid may update the status.

Members may discuss.

ITEM NO.18 Nomination of Nodal Officers by Regional Entities to ERLDC

All Regional entities is requested to intimate the contact details of the Nodal Officer who could coordinate with their sites and ERLDC to ensure the following:

- Under - recording of SEM data due to reasons such as CT/PT input problems
- Polarity reversal
- Change in CT/PT ratio
- Meter replacements
- Completeness w.r.t no of meters and no of days
- Checking of time drift in meters: correction and reporting to RLDC
- Data non-availability due to reasons such as outage of Feeder etc.

It was requested to furnish the details like Name, designation, Mailing address, Landline No, Fax No, Email Id, Mobile No etc. to ERLDC for smooth transaction of SEM data.

So far details of Nodal person only from BSPHCL, GATI, DVC, Teesta-V, NTPC ER-I(HQ), Talcher NTPC, GMR, BRBCL and GRIDCO have been received by ERLDC.

In the last CC meeting, PGCIL nominated Shri Partho Ghosh & Shri Rajesh as Nodal Officers for ERTS-I.

All remaining constituents are once again requested to send the details of Nodal person from their end.

ITEM NO.19 Despatch of power from Farakka-III under RRAS-ERLDC agenda

The Eligibility for participation for Reserves Regulation Ancillary Services under clause 5.1 of Ancillary Services Operations regulation states that:

Quote:

“5.1. All Generating Stations that are regional entities and whose tariff is determined or adopted by the Commission for their full capacity shall provide RRAS.”

Unquote

As per CERC order 280 GT 2014 dated 03.03.17 Hon'ble commission has determined tariff for 500 MW i.e. for full capacity for Farakka Stage-III. Therefore Farakka Stage-III should come under the ambit of RRAS and shall provide necessary formats such as AS-1, AS-2.

**ERLDC may elaborate.
Members may discuss.**

ITEM NO.20. Agenda items submitted by Powergrid

a) Non Opening of LC requisite amount of LC :

Following constituents are required to enhance/ extend LC towards Payment Security Mechanism, as per CERC Regulations:

Beneficiary	Amount (in Cr.)	
	Present Value of LC	Value of LC Required
North Bihar Power Distribution Company Limited(NBPDCL)	3.85	29.00
South Bihar Power Distribution Company Limited(SBPDCL)	15.27	40.00
Ind-Bharat Energy (Utkal) Limited	14.38	20.68

Non-availability of LC for requisite value and validity as per CERC Regulations is causing serious problem for POWERGRID to comply with the provisions of CERC Regulations and Loan Covenants.

Members are requested to utilize their good office and resolve the matter.

b) Payment of Outstanding dues more than 60 days :

Beneficiary	Amount (in Cr.)	
	Total Outstanding dues	Outstanding due more than 60 days
South Bihar Power Distribution Company Limited(SBPDCL)	152.54	69.46
Bhartiya Rail Bijlee Company (BRBCL)	17.82	11.95
Ind-Bharat Energy (Utkal) Limited	114.92	95.61

Members are requested to kindly intervene in the matter.

c) Issue related to non-payment of Transmission charges & non-renewal of LC by Ind-Bharat(Utkal) Limited :

A special meeting was convened on 22.05.17 at ERPC Kolkata issues on Commencement of Commercial Power transaction from Unit # 1 of Ind Barath. In the said meeting Ind Barath has agreed to follow the direction CERC vide Petition no 127/MP/2016 along-with IA 2/2017. After giving the assurance till date Ind Barath has neither pay **Rs 10.0 Cr** nor starting balance amount including surcharge in 12 monthly instalments. However Ind Barath has opened an LC of **Rs 14.28 Cr** which is not sufficient & not in line with our terms & conditions. As on date the total outstanding towards our transmission charges comes to **Rs 114.92 Cr.** out of which **Rs 95.61 Cr** has already cross the limit of **60 days**.

Members are requested to kindly intervene in the matter.

d) List of new Assets commissioned

List of Assets commissioned by POWERGRID is enclosed as **Annexure-XIII.**

Members may note

e) Drawal of Power by JUSNL from Daltonganj 400/220/132kV S/s(PG):

JUSNL has finalised their downstream of 220Kv & 132Kv TL to evacuate the power from Daltonganj (PG) S/S. 400/220Kv Daltonganj (PG) S/S under ERSS III & 220/132Kv Daltonganj (PG) S/S under ERSS XVII are to be scheduled in October'17. The following downstream work would be constructed by JUSNL to match for drawl of power from 220Kv & 132Kv level from Daltonganj (PG) :

Eastern Region System Strengthening Scheme III :

- Daltonganj (POWERGRID) – Latehar 220Kv D/C
- Daltonganj (POWERGRID) – Garhwa 220kV D/c

Eastern Region System Strengthening Scheme XVII:

- Daltonganj (POWERGRID) – Daltonganj (JUSNL) 132kV D/C
- Daltonganj (POWERGRID) – Chatarpur/Lesliganj 132kV D/c

Contingent plan:

The contingent arrangement for the evacuation of power from Daltonganj Substation shall be connecting through existing 220kV D/C Daltonganj-Latehar (presently charged at 132 kV) line passes through Daltonganj SS (PG), which require the diversion, at a distance of about 1km from Daltonganj(PG) only & It is to be disconnected when the original 132kV line from Daltonganj(PG) to Daltonganj(JUSNL) become ready by M/s R S Infra Private Limited.

JUSNL requested to expedite the transmission line of 220 kV & 132 kV for normalization of the system as required.

Powergrid may elaborate.

Members are requested to discuss

f) Diversion of spare transformer from Gaya(765kV) to New Ranchi(765kV) :

One number 500 MVA 765/400Kv Transformer was approved in 24th ERPC meeting dated 26.04.13 for Gaya S/s as regional spare, Now this Spare we are keeping at Ranchi 765/400Kv substation.

This is for information to the members.

ITEM NO. 21 Agenda items submitted by NHPC

1) Signing of reconciliation statement.

Reconciliation statements are pending for IVth quarter for the F.Y 2016-17 in respect of GRIDCO, NBPDC & SBPDCL whereas reconciliation statements for 1st quarter of 2017-18 have also been sent to all the beneficiaries which also need to be signed on priority.

NHPC may elaborate.

2) Payment of Late Payment Surcharge by WBSEDCL.

A late payment surcharge of Rs. 1.14 Crs is pending against WBSEDCL since long in respect of Rangit and Teesta-V Power Stations despite many reminders from NHPC. WBSEDCL may be requested to release the said amount on priority.

NHPC may elaborate.

3) Non-Opening of LC of requisite value.

NBPDCL, SBPDCL and JBVNL have not provided the LC of requisite amount NBPDCL, SBPDCL & JBVNL be requested to open L.C amounting to Rs. 6.41 Crs, Rs.9.23 Crs and Rs. 8.34 Crs respectively at the earliest being a statutory requirement as per PPA .

NHPC may elaborate.

4) Extension of PPA in r/o TLDP-III & IV Power Stations.

WBSEDCL at present has valid PPAs for TLDP-III & IV projects for 05 years period only which are expiring on 31.03.2018 and 10.03.2021 respectively. WBSEDCL be again requested to extend the PPA for a period of 35 years from COD of power stations.

NHPC may elaborate.

5) Signing of PPA in respect of Tawang H.E.Project, Stage-I & II.

Signing of Power Purchase Agreement is pending with GRIDCO, JBVNL & WBSEDCL. All the three beneficiaries may be again requested to sign the long pending Power purchase agreement at the earliest.

NHPC may elaborate.

ITEM NO. 22 Agenda items submitted by WBSEDCL

During real time sudden contingency, to mitigate shortfall, WBSEDCL avails URS power from the NTPC power stations from which WBSEDCL has GOI allocation & thereafter from Bundle power allocation, in case of non availability normal urs power.

While placing requisition to NTPC , WBSEDCL has a practice of strictly mentioning URS allocation only from the NTPC power stations from which WBSEDCL has GOI allocation, maintaining the Merit order dispatch principle. The main reason for not mentioning the bundle source is to avoid allocation from Bundle power head , as additional 7 paisa/unit cost is incurred by the beneficiary as trading margin to NVVNL being Nodal authority of Bundle power.

But despite of the above fact, during billing it is observed that NVVNL has been billing a proportionate energy of URS power with additional cost burden of 7 paisa /unit which violates the basic philosophy of merit order dispatch principle and also poses additional financial burden to WBSEDCL.

WBSEDC may elaborate. NTPC may respond.

ITEM NO. 23 Higher Variable Cost of Farakka-I,II &III & Kahakgaon-I, II-Agenda items submitted by GRIDCO

The detailed agenda note of GRIDCO is at **Annexure-XIV**

GRIDCO may elaborate.

ITEM NO. 24 Any other item with the permission of chair.

SUMMARY OF DEVIATION CHARGE RECEIPT AND PAYMENT STATUS

BILL UPTO 09.07.17 (Week -14 of 2017 - 18)

Last Payment Disbursement Date - 24.07.17

Figures in Rs. Lakhs

CONSTITUENTS	Receivable	Received	Payable	Paid	Outstanding
WR	5.27659	0.00000	43665.49512	34094.49098	-9565.72755
SR	16067.86336	13458.99527	43.57998	43.57998	2608.86809
NER	14047.55241	6170.19529	4167.45508	1603.42877	5313.33081
NR	9712.49883	8616.16113	720.62661	718.97790	1094.68899
BSPHCL	4571.29056	2096.48231	34.08173	0.00000	2440.72652
JUVNL	2986.86387	1887.87093	19.67150	0.00000	1079.32144
DVC	122.76189	121.12494	1742.35864	1654.34426	-86.37743
GRIDCO	293.05575	202.24314	399.47557	350.50642	41.84346
WBSETCL	6305.59655	6008.46425	19.19944	19.19944	297.13230
SIKKIM	172.04725	0.00000	289.16270	87.11407	-30.00138
NTPC	3327.47038	3099.90996	0.00071	0.00000	227.55971
NHPC	21.58420	0.00000	662.36096	607.32796	-33.44880
MPL	10.12507	10.12102	181.68643	153.60181	-28.08057
APNRL	77.63765	0.00000	77.44552	0.00000	0.19213
CHUZACHEN (GATI)	12.21274	12.21048	174.40967	169.98045	-4.42696
NVVN(IND-BNG)	40.70515	37.49305	97.44659	97.44659	3.21210
JIITPL	134.13547	134.13547	322.40934	283.10501	-39.30433
GMR	54.74858	30.95567	365.18596	365.15336	23.76031
IND BARATH	40.10005	0.00000	0.00000	0.00000	40.10005
TPTCL(DAGACHU)	691.96393	576.07293	0.16235	0.16235	115.89100
JLHEP(DANS ENERGY)	171.27110	171.26047	40.31883	30.69707	-9.61113
BRBCL(Nabinagar)	126.64580	103.07079	0.00000	0.00000	23.57501
NVVN (IND-NEPAL)	39.13145	0.03446	319.63469	310.21307	29.67537
HVDC SASARAM	2.33430	1.80110	3.46343	3.17655	0.24632
TEESTA-III	830.30027	830.28027	260.23242	242.66771	-17.54471
DIKCHU	0.00000	0.00000	341.64727	322.18967	-19.45760
Pool Balance	0.00000	392.77755	-1655.77197	0.00000	1262.99442
Addl Deviation charge	3439.35753	5373.80435	0.00000	0.00000	-1934.44682
IRE	0.00000	0.00000	149.80549	0.00000	-149.80549
VAE	0.00000	0.00000	3974.83498	0.00000	-3974.83498
TOTAL	59865.17320	43568.88293	56416.37905	41157.36342	

Receivable:	% Realization	72.77834608	As on	24.07.17
Received	Receivable by ER POOL		Payable	Payable by ER POOL
"- ve" Payable by ER pool	Received by ER POOL		Paid	Paid by ER POOL
	"- ve" Payable by ER pool			
	"- ve" Payable by ER pool			

Interest Disbursement-I

Date: 11/04/17

Int. Amt. received by ER Pool on 06.04.17 (₹ in Lacs) from JUVNL	Constituents' Name	Amt paid	Remarks
		(₹ in Lacs)	
326.68053	DVC	0.47887	Interest for FY 16-17
	GRIDCO	0.3993	Interest for FY 16-17
	WBSETCL	0.27612	Interest for FY 16-17
	SIKKIM	3.8917	Interest for FY 16-17
	NHPC	0.43765	Interest for FY 16-17
	MPL	0.15311	Interest for FY 16-17
	BRBCL	1.49138	Interest for FY 16-17
	WR POOL	6.62404	Interest for FY 16-17
	NR POOL	8.93238	Interest for FY 16-17
	SR POOL	39.8788	Interest for FY 16-17
	NER POOL	26.8909	Interest for FY 16-17
	NTPC(RRAS Provider)	237.22628	Payment for Wk-50(Part)
	Total	326.68053	

Interest Disbursement-II

Date: 03/05/17

Int. Amt. received by ER Pool on 29.04.17 (₹ in Lacs) from BSPHCL	Constituents	Amt paid (₹ in Lacs)	Remarks
61.95308	NVVN(BD)	0.00386	Interest for FY 16-17
	GRIDCO	0.00065	Balance Interest for FY 16-17
	WR POOL	0.26482	Balance Interest for FY 16-17
	NR POOL	42.55948	Balance Interest for FY 16-17
	RRAS Provider	19.12427	For payment of RRAS Bill
	Total	61.95308	

Interest Disbursement-III

Date: 01/06/17

Int. Amt. received by ER Pool on 29.04.17 (₹ in Lacs)	Constituents	Amt paid (₹ in Lacs)	Remarks
37.45106 (JUVNL)	WR POOL	20.22855	Balance Interest for FY 16-17(Till 31/01/17)
5.6533 (APNRL)	RRAS Provider	22.87581	For payment of RRAS Bill
43.10436		43.10436	

STATUS OF REACTIVE CHARGES

**RECEIVABLE IN ER POOL AS PER PUBLISHED A/C UPTO 09.07.17 (2017 -18)
AS ON 25.07.2017**

CONSTITUENT	AMOUNT RECEIVABLE IN THE POOL (Rs.)	AMOUNT RECEIVED IN THE POOL (Rs.)	OUTSTANDING (Rs.)
BSPHCL	378537	284950	93587
JSEB	1137688	1137688	0
DVC	357122	357122	0
GRIDCO	175949692	175949692	0
WBSETCL	423116147	399021530	24094617
SIKKIM	326155	325817	338
TOTAL	601265341	577076799	24188542

Note: (+ve) means payable by utility & (-ve) means receivable by utility

Annexure - IV

SUMMARY OF RRAS CHARGE RECEIPT AND PAYMENT STATUS

BILL from 03.04.17 to 09.07.17 (upto Week - 14 of 2017 - 18)

Last Payment Disbursement Date -18.07.17

Figures in Rs. Lakhs

CONSTITUENTS	Receivable	Received	Payable	Paid	Outstanding
FSTPP STG-I & II	221.64809	220.77345	1726.02283	1586.13805	-139.01015
KhSTPP STG-I	137.22977	129.54275	828.71076	708.85357	-112.17018
KhSTPP STG-II	61.30545	55.93926	2569.83346	2227.78744	-336.67983
TSTPP STG-I	119.23301	110.64437	147.36165	129.40784	-9.36517
BARH STG-II	297.08899	278.75077	1598.88682	1478.43793	-102.11067
TOTAL	836.50529	795.65060	6870.81552	6130.62483	-699.33599

Annexure - V

SUMMARY OF CONGESTION CHARGE RECEIPT AND PAYMENT STATUS

**Bill upto 07.01.2013
Last Payment Disbursement Date - 13.05.2013**

Figures in Rs. Lakhs

CONSTITUENTS	Receivable	Received	Payable	Paid	Outstanding
BSEB	0.67823	0.67823	0.39118	0.39118	0.00000
JSEB	16.37889	16.37889	2.61323	2.61323	0.00000
DVC	0.00000	0.00000	6.24040	6.24040	0.00000
GRIDCO	5.34488	5.34488	0.00000	0.00000	0.00000
WBSETCL	0.00000	7.42249	4.32834	11.75083	0.00000
SIKKIM	0.65609	6.20909	0.00000	5.55300	0.00000
NTPC	6.93152	6.93152	7.42249	7.42249	0.00000
NHPC	0.70445	0.70445	0.05875	0.05875	0.00000
MPL	4.81694	4.81694	0.85169	0.85169	0.00000
STERLITE	7.70504	7.70504	0.00000	0.00000	0.00000
Pool Balance	0.00000	0.00000	21.30996	21.30996	0.00000
TOTAL	43.21604	56.19153	43.21604	56.19153	0.00000

% Realization

Receivable: Receivable by ER POOL

Received Received by ER POOL

"- ve" Payable by ER pool

As on 31.05.2015

Payable Payable by ER POOL

Paid Paid by ER POOL

"+ ve" Receivable by ER pool

DETAILS OF DISBURSEMENT TO POWER SYSTEM DEVELOPMENT FUND

Sl No	Nature of Amount	Amount transferred to PSDF (Rs in Lac)	Date of Disbursement	Cheque No	Remarks
1	Opening Balance (upto 31.03.16)	86464.58111			
2	Addl. Dev	83.33978	01.04.16		Addl Dev Charge 15-16
3	Addl. Dev	43.77416	05.04.16		Addl Dev Charge 15-16
4	Addl. Dev	31.83984	07.04.16		Addl Dev Charge 15-16
5	Addl. Dev	52.08622	11.04.16		Addl Dev Charge 15-16
6	Addl. Dev	107.23773	13.04.16		Addl Dev Charge 15-16
7	Addl. Dev	220.15330	19.04.16		Addl Dev Charge 15-16
8	Addl. Dev	76.84824	21.04.16		Addl Dev Charge 15-16
9	Addl. Dev	20.84026	26.04.16		DSM Interest 2014-15(Paid by APNRL)
10	Addl. Dev	10.01920	26.04.16		Addl Dev Charge 16-17
16	Addl. Dev	432.25696	28.04.16		Addl Dev Charge 16-17
17	Addl. Dev	117.08707	02.05.16		Addl Dev Charge 16-17
18	Addl. Dev	41.65418	04.05.16		Addl Dev Charge 16-17
19	Addl. Dev	114.33049	06.05.16		Addl Dev Charge 15-16 & 16-17
20	Deviation Interest	38.50018	06.05.16		Deviation Interest
21	Addl. Dev	35.54178	10.05.16		Addl Dev Charge 16-17
22	Addl. Dev	448.87953	31.05.16		Addl Dev Charge 16-17
23	Addl. Dev	170.51274	29.06.16		Addl Dev Charge 16-17
24	Reactive Charges	530.57497	28.09.16		Reactive Charges_15-16
25	Reactive Charges	1000.00000	26.12.16		Reactive Charges_16-17
26	Reactive Charges	779.39811	14.02.17		Reactive Charges_16-17
27	Reactive Charges	500.00000	29.03.17		Reactive Charges_16-17
28	Reactive Charges	203.61904	26.04.17		Reactive Charges_16-17
29	Reactive Charges	394.80618	30.05.17		Reactive Charges_16-17
30	Reactive Charges	256.53944	28.06.17		Reactive Charges_16-17
	Total	92174.42051			

Status of Reconciliation of Deviation Pool Account

	2016-17				2017-18
Name of The Utility	Q1 (04.07.16)	Q2 (03.10.16)	Q3 (04.01.17)	Q4 (05.04.17)	Q1(04.07.17)
Inter Regional					
WR	NO	NO	YES	NO	YES
SR	YES	YES	NO	YES	YES
NER	NO	NO	YES	YES	NO
NR	NO	NO	NO	NO	NO
Intra Regional					
BSPHCL	YES	YES	YES	YES	NO
JUVNL	YES	YES	YES	NO	NO
DVC	YES	YES	YES	YES	NO
GRIDCO	YES	YES	YES	YES	YES
WBSETCL	YES	YES	YES	YES	YES
SIKKIM	YES	YES	YES	NO	NO
NTPC	YES	YES	YES	YES	YES
NHPC	YES	YES	YES	YES	YES
MPL	YES	YES	YES	NO	NO
VEDANTA	NO	NO	NO	NO	N/A
APNRL	YES	YES	NO	NO	NO
CHUZACHEN(GATI)	YES	NO	YES	YES	YES
NVVN(Ind-Bng)	YES	YES	YES	YES	YES
NVVN(Ind-Nep)	YES	YES	YES	YES	YES
GMR	YES	YES	YES	YES	YES
JITPL	YES	YES	YES	NO	NO
INBEUL	NO	NO	NO	NO	NO
TPTCL (DAGACHU)	YES	YES	YES	NO	NO
JLHEP(DANS ENERGY)	NO	NO	NO	NO	NO
BRBCL	NO	NO	NO	NO	YES
POWERGRID	N/A	N/A	YES	YES	YES
TUL (TEESTA-III)	N/A	N/A	N/A	NO	NO
DIKCHU	N/A	N/A	N/A	N/A	YES

Note:

- (1) The dates in the bracket indicates the date of sending the Reconciliation statements by ERLDC to utilities.
- (2) YES Indicates that signed reconciliation statement received by ERLDC
- (3) NO Indicates that signed reconciliation statement is not received by ERLDC

Annexure-VIII

Reconciliation Between Open Access department of ERLDC and SLDCs, STUs				
Sl. No.	STUs / SLDCs Name	Apr-17	May-17	Jun-17
	Date of Issuance	17-May-17	15-Jun-17	14-Jul-17
1	West Bengal - SLDC and STU	YES	YES	YES
2	DVC - SLDC	NO	YES	NO
3	OPTCL-SLDC and STU	YES	YES	NO

Reconciliation Between Open Access department of ERLDC and Applicants					
Sl. No.	Applicants Name	Quarter-I (Apr-16-June-16)	Quarter-II (Jul-16-Sep-16)	Quarter-III (Oct-16-Dec-16)	Quarter-IV (Jan-17-Mar-17)
	Date of Issuance	14/07/2016	18/10/2016	13.01.17	17.04.17
1	Calcutta Electric Supply Company	YES	YES	YES	YES
2	Damodar Valley Corporation	YES	NA	NA	NO
3	GMR Kamalanga Energy Limited	YES	YES	YES	YES
4	Jindal India Thermal Power Limited	YES	YES	YES	NO
5	Jharkhand State Electricity Board	YES	YES	YES	NO
6	SAIL Rourkela Steel Plant	YES	NO	NO	NO
7	TATA Steel - Discom	NA	YES	YES	YES
8	TATA Steel Ferro Alloy Plant Bamnibal	YES	YES	YES	NO
9	TATA Steel Ferro Alloy Plant Joda	NA	NA	YES	YES
10	Tata Steel Limited Kalinganagar	NA	YES	YES	YES
11	West Bengal State Distribution Company Ltd.	YES	NA	NA	NO

[illegible]

Current Status of Letter of Credit (LC) amount against UI charges for ER constituents*Figures in Lacs of Rupees*

SI No	ER Constituents	No. of weeks in which Deviation Charge payable	No of times payment was delayed during 2015-16	Total Deviation charges payable to pool during 2015-16	Average weekly Deviation Charge liability	LC Amount	Due date of expiry	Remarks
		(A)	(B)	(C)	(D)	(E)	(F)	(G)
1	BSPHCL	44	44	10288.28725	194.11863	213.53049	Expired on 03.01.17	Reminder letter issued on 30/05/17
2	JUVNL	45	45	12078.12053	227.88907	250.67797	31.01.2018	Opened for 85.89820 Lac
3	SIKKIM	6	6	43.59053	0.82246	0.90471	07.03.2018	Opened for 1.60277 Lacs
4	APNRL	31	31	514.12213	9.70042	10.67046	31.10.2017	Opened for ₹ 10.67046 Lacs
5	CHUZACHEN	6	5	24.43612	0.46106	0.50716	Not Opened	Letter issued on 02/05/17
6	JITPL	18	3	1304.7548	24.61802	27.07982	Not Opened	Letter issued on 02/05/17
7	GMR	12	4	367.39848	6.93205	7.62525	15.07.2017	Opened for 19.66436 Lacs
8	IND-BARATH	48	36	96.68933	1.82433	2.00676	Not Opened	Letter issued on 02/05/17
9	TPTCL	45	3	1287.684311	24.29593	26.72552	Not Opened	Letter issued on 02/05/17
10	JLHEP	27	24	346.25598	6.53313	7.18644	Not Opened	Letter issued on 02/05/17
11	BRBCL	48	3	343.15334	6.47459	7.12205	31.03.2018	Opened for ₹ 7.12205 Lacs
12	NVVN(IND-NEP)	36	5	419.02891	7.90621	8.69683	Not Opened	Letter issued on 02/05/17
13	TEESTA-III(TUL)	3	3	109.40403	2.06423	2.27065	Not Opened	Letter issued on 02/05/17

Annexure-X

3rd Phase : 33 Locations

			S.No	ERLDC_ID	OLD MTR	NEW MTR	LOCATION	S.No	ERLDC_ID	OLD MTR	NEW MTR	LOCATION
1	BALIMELA(BLM)	GRIDCO	1	AP-03	NP-7438-A	NP-8642-A	APNRL	109	EN-51		NP-7887-A	LAKHISARAI(PG)
2	BANGRIPOSHI(BGR)	GRIDCO	2	AP-02	NP-7462-A	NP-8643-A	APNRL	110	EN-52		NP-7430-A	LAKHISARAI(PG)
3	BANKA(BNK)	PG	3	EN-93		NP-8742-A	ARA(PG)	111	EN-89		NP-7887-A	LAKHISARAI(PG)
4	CHAIBASA(CHB)	PG	4	EN-94		NP-8743-A	ARA(PG)	112	EN-90		NP-7430-A	LAKHISARAI(PG)
5	CHAIBASA(CHA)	JUVNL	5	ES-02		NP-8860-A	ARA(PG)	113	EN-51		NP-7888-A	LAKHISARAI(PG)
6	DUMKA(DUM)	JUVNL	6	ES-22		NP-8790-A	BOLANGIR(PG)	114	EN-52		NP-7431-A	LAKHISARAI(PG)
7	DARBHANGA(DBG)	DMTCL	7	ES-23		NP-8789-A	BOLANGIR(PG)	115	OR-23		NP-7915-A	DUBURI(GRIDCO)
8	GYALSHING(GSH)	SIKKIM	8	EP-99		NP-7560-A	BOLANGIR(PG)	116	JS-09		NP-8695-A	DUMKA(JUVNL)
9	HALDIA(HAL)	WBSETCL	9	ES-27		NP-8775-A	MALDA(PG)	117	JS-10		NP-8774-A	DUMKA(JUVNL)
10	IND-BARATH (IBR)	IPPR	10	ES-28		NP-8776-A	MALDA(PG)	118	SM-07		NP-8730-A	GYALSHING(SIKKIM)
11	JAMUI(JMU)	BIHAR	11	EN-87		NP-8727-A	MAITHON(PG)	119	WB-60		LT-0307-A	HALDIA CESC(WB)
12	JLHEP(DANS ENERGY)	IPPR	12	EN-88		NP-8739-A	MAITHON(PG)	120	WB-61		LT-0311-A	HALDIA CESC(WB)
13	KISANGANJ (KSN)	PG	13	ES-42		NP-7401-A	MAITHON(PG)	121	OR-15		NP-7991-A	BALIMELA(GRIDCO)
14	KATAPALLI(KTP)	GRIDCO	14	ES-01		NP-8874-A	MUZAFFARPUR(PG)	122	OR-16		NP-7992-A	BALIMELA(GRIDCO)
15	KUDRA(KUD)	BIHAR	15	ES-07		NP-8871-A	MUZAFFARPUR(PG)	123	OR-62		NP-5907-A	BANGRIPOSHI(GRIDCO)
16	KISANGANJ (KIS)	BSPTCL	16	ES-08		NP-8873-A	MUZAFFARPUR(PG)	124	NB-01		NP-8700-A	NABINAGAR
17	LAKHISARAI(LKS)	PG	17	ES-09		NP-8872-A	MUZAFFARPUR(PG)	125	NB-02		NP-8701-A	NABINAGAR
18	LAKHISARAI(LKK)	BIHAR	18	ES-43		NP-6077-A	MUZAFFARPUR(PG)	126	NB-05		NP-8662-A	NABINAGAR
19	NABINAGAR(NBN)	NTPC	19	ES-44		NP-6078-A	MUZAFFARPUR(PG)	127	NB-07		NP-8892-A	NABINAGAR
20	NEW DUBRI (DBR)	GRIDCO	20	OR-20	NP-5983-A	NP-7498-A	MENDHASAL(GRIDCO)	128	NB-11		NP-8891-A	NABINAGAR
21	NEW PUSAULI (NPS)	BIHAR	21	BI-72		NP-8748-A	BANKA(BSPTCL)	129	BI-56		NP-7690-A	NALANDA(BSPTCL)
22	NALANDA(NLN)	BIHAR	22	ES-40		NP-8692-A	PUSAULI(PG)	130	OR-22		NP-7916-A	NEW DUBURI(GRIDCO)
23	NEW MELLI (NML)	PG	23	ES-41		NP-8693-A	PUSAULI(PG)	131	EN-85		NP-8647-A	NEW MELLI(PG)
24	PANDIABILPNB)	PG	24	EN-83		NP-8673-A	BANKA(PG)	132	EN-86		NP-8640-A	NEW MELLI(PG)
25	RANCHI NEW(RNC)	PG	25	EN-84		NP-8675-A	BANKA(PG)	133	ES-51		NR-4621-A	NEW MELLI(PG)
26	SADIEPALI(SDP)	GRIDCO	26	ES-03		NP-8694-A	BANKA(PG)	134	ES-52		NR-4620-A	NEW MELLI(PG)
27	RANGPO(RGP)	PG	27	ES-04		NP-8696-A	BANKA(PG)	135	BI-27		NP-8698-A	JAMUI(BSPHCL)
28	SAGBARI(SGB)	SIKKIM	28	BH-22		NP-7482-A	BARH(NTPC)	136	BI-26		NP-8669-A	JAMUI(BSPHCL)
29	TEEST-III(TST)	TUL	29	ES-45		NP-8074-A	BARIPADA(PG)	137	BI-27		NP-8668-A	JAMUI(BSPHCL)
30	TALCHER SOLAR (TLS)	NTPC	30	EN-68		NP-8721-A	BERHAMPORE(PG)	138	JL-01		NP-8737-A	JORETHANG(JLHEP)
31	DIKCHU(DIC)	DICKCHU	31	EN-69		NP-8726-A	BERHAMPORE(PG)	139	JL-02		NP-8766-A	JORETHANG(JLHEP)
32	SONNAGAR NEW(SONN)	BSPTCL	32	ES-10		NP-8655-A	PATNA(PG)	140	JL-03		NP-8762-A	JORETHANG(JLHEP)
33	ALIPURDUAR	PG	33	RG-12		NP-8734-A	RANGIT(NHPC)	141	JL-04		NP-8763-A	JORETHANG(JLHEP)
34	MTPS KANTI(NTPC)	NTPC	34	RG-13		NP-8733-A	RANGIT(NHPC)	142	JL-05		NP-8764-A	JORETHANG(JLHEP)
35	KEONJHAR(KEO)	GRIDCO	35	RG-14		NP-8732-A	RANGIT(NHPC)	143	JL-06		NP-8765-A	JORETHANG(JLHEP)
36	ATRI(ATR)	GRIDCO	36	RG-15		NP-8736-A	RANGIT(NHPC)	144	OR-17		NP-7561-A	KATAPALI(GRIDCO)
37	PURI(PUR)	GRIDCO	37	RG-16		NP-8735-A	RANGIT(NHPC)	145	BI-32		NP-8664-A	PUSAULI NEW(BSPHCL)
			38	OR-55	NP-0624-B	NP-5938-A	JODA(GRIDCO)	146	BI-33		NP-8665-A	PUSAULI NEW(BSPHCL)
			39	EN-29		NP-7950-A	ANGUL(PG)	147	EN-10		NP-7847-A	RANCHI NEW(PG)
			40	EN-30		NP-7558-A	ANGUL(PG)	148	EN-11		NP-7876-A	RANCHI NEW(PG)
			41	EN-31		NP-7987-A	ANGUL(PG)	149	EN-12		NP-7849-A	RANCHI NEW(PG)
			42	EN-32		NP-7988-A	ANGUL(PG)	150	EN-13		NP-7866-A	RANCHI NEW(PG)
			43	EN-43		NP-7629-A	ANGUL(PG)	151	EN-14		NP-7865-A	RANCHI NEW(PG)
			44	EN-44		NP-7949-A	ANGUL(PG)	152	EN-19		NP-7875-A	RANCHI NEW(PG)
			45	EN-32	NP-7988-A	NP-7908-A	ANGUL(PG)	153	EN-91		NP-8755-A	RANCHI NEW(PG)
			46	EN-63		NP-8780-A	ANGUL(PG)	154	EN-92		NP-8754-A	RANCHI NEW(PG)
			47	EN-64		NP-8781-A	ANGUL(PG)	155	EN-99		NP-8753-A	RANCHI NEW(PG)
			48	EN-65		NP-8785-A	ANGUL(PG)	156	ES-46		NP-7013-A	KISHANAGNJ(PG)
			49	EN-66		NP-8786-A	ANGUL(PG)	157	ES-47		NR-4614-A	KISHANAGNJ(PG)
			50	EN-77		NP-8778-A	ANGUL(PG)	158	ES-48		NR-4444-A	KISHANAGNJ(PG)
			51	EN-78		NP-8779-A	ANGUL(PG)	159	ES-49		NR-4436-A	KISHANAGNJ(PG)
			52	EN-82		NP-8777-A	ANGUL(PG)	160	ES-50		NR-4440-A	KISHANAGNJ(PG)
			53	ES-06		NP-8788-A	ANGUL(PG)	161	ES-11		NP-8887-A	KISHANAGNJ(PG)
			54	ES-05	NP-8787-A	NP-7995-A	ANGUL(PG)	162	ES-12		NP-8885-A	KISHANAGNJ(PG)
			55	ES-58		NP-8077-A	ANGUL(PG)	163	ES-13		NP-8856-A	KISHANAGNJ(PG)
			56	ES-59		NP-8076-A	ANGUL(PG)	164	ES-14		NP-8886-A	KISHANAGNJ(PG)
			57	EM-49		NP-7880-A	CHANDIL(JUVNL)	165	ES-15		NP-8858-A	KISHANAGNJ(PG)
			58	EP-18	NP-7471-A	NP-8660-A	GAYA(PG)	166	ES-16		NP-8889-A	KISHANAGNJ(PG)
			59	ES-26		NP-8659-A	GAYA(PG)	167	ES-17		NP-8859-A	KISHANAGNJ(PG)

60	EP-19	NP-7470-A	NP-8658-A	GAYA(PG)	168	ES-18		NP-8855-A	KISHANGANJ(PG)
61	WB-30		NP-7403-A	KHARAGPUR(WB)	169	ES-19		NP-8880-A	KISHANGANJ(PG)
62	BS-38		NR-4442-A	KISHANAGNJ(BSPTCL)	170	ES-20		NP-8888-A	KISHANGANJ(PG)
63	BS-39		NR-4445-A	KISHANAGNJ(BSPTCL)	171	ES-21		NP-8857-A	KISHANGANJ(PG)
64	BI-28		NP-8653-A	SULTANGANJ(BSPHCL)	172	EN-22		NP-7933-A	RANGPO(PG)
65	BI-29		NP-8672-A	SULTANGANJ(BSPHCL)	173	EN-23		NP-7955-A	RANGPO(PG)
66	BI-61	NP-6019-B	NP-7400-A	SULTANGANJ(BSPHCL)	174	EN-24		NP-7956-A	RANGPO(PG)
67	EN-40		NP-7906-A	SUNDERGARH(PG)	175	EN-25		NP-7957-A	RANGPO(PG)
68	EN-41		NP-7634-A	SUNDERGARH(PG)	176	EN-33		NP-7922-A	RANGPO(PG)
69	EN-42		NP-7638-A	SUNDERGARH(PG)	177	EN-34		NP-7923-A	RANGPO(PG)
70	EN-57		NP-7907-A	SUNDERGARH(PG)	178	EN-35		NP-7924-A	RANGPO(PG)
71	EN-79		NP-7636-A	SUNDERGARH(PG)	179	EN-36		NP-7623-A	RANGPO(PG)
72	EN-95		NP-7635-A	SUNDERGARH(PG)	180	EN-39		NP-7622-A	RANGPO(PG)
73	WB-23		LT-0194-A	SAGARDIGHI(WBSETCL)	181	EN-38		NP-7621-A	RANGPO(PG)
74	WB-24		LT-0191-A	SAGARDIGHI(WBSETCL)	182	EN-54		NP-7619-A	RANGPO(PG)
75	WB-25		NP-8724-A	SAGARDIGHI(WBSETCL)	183	EN-55		NP-7620-A	RANGPO(PG)
76	WB-26		NP-8725-A	SAGARDIGHI(WBSETCL)	184	EN-59		NP-8710-A	RANGPO(PG)
77	WB-27		NP-8723-A	SAGARDIGHI(WBSETCL)	185	EN-60		NP-8711-A	RANGPO(PG)
78	WB-28		NP-8722-A	SAGARDIGHI(WBSETCL)	186	EN-80		NP-8714-A	RANGPO(PG)
79	BI-07	NP-6074-A	NP-7825-A	SABOUR(BSPHCL)	187	EN-81		NP-8715-A	RANGPO(PG)
80	BI-73		NP-8749-A	SABOUR(BSPHCL)	188			NP-7940-A	RANGPO(PG)
81	ES-31		NP-7442-A	PANDIABILI(PG)	189			NP-7941-A	RANGPO(PG)
82	ES-32		NP-7427-A	PANDIABILI(PG)	190	ES-24		NP-8712-A	RANGPO(PG)
83	ES-33		NP-7454-A	PANDIABILI(PG)	191	ES-25		NP-8713-A	RANGPO(PG)
84	ES-34		NP-7554-A	PANDIABILI(PG)	192	OR-18		NP-7944-A	SADEIPALI(GRIDCO)
85	ES-35		NP-7438-A	PANDIABILI(PG)	193	JS-11		NP-8865-A	CHAIBASA(JUVNL)
86	ES-36		NP-7407-A	PANDIABILI(PG)	194	JS-12		NP-8866-A	CHAIBASA(JUVNL)
87	ES-37		NP-7462-A	PANDIABILI(PG)	195	JS-13		NP-8867-A	CHAIBASA(JUVNL)
88	JS-50		NP-8644-A	KENDIPOSI(JUVNL)	196	SM-05		NP-8797-A	SAGBARI(SIKKIM)
89	WB-29		NP-7381-A	KHARAGPUR(WB)	197	SM-06		NP-8798-A	SAGBARI(SIKKIM)
90	BI-50		NP-7869-A	KUDRA(BSPHCL)	198	BI-42		NP-7380-A	SONNAGAR NEW(BSPTCL)
91	BI-26		NP-8697-A	LAKHISARAI(BSPHCL)	199	BI-43		NP-7450-A	SONNAGAR NEW(BSPTCL)
92	BI-30		NP-8670-A	LAKHISARAI(BSPTCL)	200	IB-01		NP-8792-A	IBEUL
93	BI-31		NP-8671-A	LAKHISARAI(BSPTCL)	201	IB-02		NP-8793-A	IBEUL
94	EN-46		NP-7432-A	LAKHISARAI(PG)	202	IB-03		NP-8795-A	IBEUL
95	EN-27		NP-7433-A	LAKHISARAI(PG)	203	IB-04		NP-8794-A	IBEUL
96	EN-37		NP-7889-A	LAKHISARAI(PG)	204	IB-05		NP-8783-A	IBEUL
97	EN-26		NP-7885-A	LAKHISARAI(PG)	205	IB-06		NP-8782-A	IBEUL
98	EN-47		NP-7886-A	LAKHISARAI(PG)	206	IB-07		NP-8784-A	IBEUL
99	EN-50		NP-7429-A	LAKHISARAI(PG)	207	IB-08		NP-8796-A	IBEUL
100	EN-51		NP-7888-A	LAKHISARAI(PG)	208	TL-32		NP-7961-A	TALCHER SOLAR(NTPC)
101	EN-58		NP-8678-A	CHAIBASA(PG)	209	TL-33		NP-7626-A	TALCHER SOLAR(NTPC)
102	EN-67		NP-8637-A	CHAIBASA(PG)	210	TL-34		NP-7962-A	TALCHER SOLAR(NTPC)
103	EN-97		NP-8868-A	CHAIBASA(PG)	211	TL-35		NP-7628-A	TALCHER SOLAR(NTPC)
104	EN-98		NP-8869-A	CHAIBASA(PG)	212	TL-37		NP-7627-A	TALCHER SOLAR(NTPC)
105	ES-29		NP-7471-A	CHAIBASA(PG)	213	TL-38		NP-5968-A	TALCHER SOLAR(NTPC)
106	ES-30		NP-7467-A	CHAIBASA(PG)	214	TL-31		NP-7909-A	TALCHER SOLAR(NTPC)
107	DM-01		NP-8656-A	DARBHANGA(DMTCL)	215	TL-30		NP-5979-A	TALCHER SOLAR(NTPC)
108	DM-02		NP-8719-A	DARBHANGA(DMTCL)	216	TL-37	NP-7627-A	NP-7946-A	TALCHER SOLAR(NTPC)
					217	TL-40	NP-7618-A	NP-7945-A	TALCHER SOLAR(NTPC)
					218	TL-39	NP-7614-A	NP-7631-A	TALCHER SOLAR(NTPC)
					219	TL-41	NP-7615-A	NP-7633-A	TALCHER SOLAR(NTPC)
					220	TL-36	NP-7632-A	NP-7630-A	TALCHER SOLAR(NTPC)
					221			LT-0135-A	MTPS KANTI(NTPC)
					222			LT-0192-A	MTPS KANTI(NTPC)
					223			LT-0129-A	MTPS KANTI(NTPC)
					224			LT-0133-A	MTPS KANTI(NTPC)
					225			LT-0093-A	MTPS KANTI(NTPC)
					226			LT-0127-A	MTPS KANTI(NTPC)
					227			LT-0126-A	MTPS KANTI(NTPC)
					228			TP-0006-A	MTPS KANTI(NTPC)
					229			LT-0132-A	MTPS KANTI(NTPC)
					230			LT-0130-A	MTPS KANTI(NTPC)
					231			LT-0092-A	MTPS KANTI(NTPC)
					232			LT-0128-A	MTPS KANTI(NTPC)
					233			LT-0125-A	MTPS KANTI(NTPC)

234			LT-0140-A	MTPS KANTI(NTPC)
235			LT-0131-A	MTPS KANTI(NTPC)
236			TP-0008-A	MTPS KANTI(NTPC)
237			LT-0246-A	MTPS KANTI(NTPC)
238			LT-0219-A	MTPS KANTI(NTPC)
239			LT-0214-A	MTPS KANTI(NTPC)
240			LT-0242-A	MTPS KANTI(NTPC)
241			LT-0187-A	MTPS KANTI(NTPC)
242			LT-0215-A	MTPS KANTI(NTPC)
243	ES-54		NR-4451-A	ALIPURDUAR(PG)
244	ES-55		NR-4452-A	ALIPURDUAR(PG)
245	ES-56		NR-4457-A	ALIPURDUAR(PG)
246	ES-57		NR-4458-A	ALIPURDUAR(PG)

List of drifted meters to be replaced in Phase-II

SNO	LOCATION	METER SNO	FEEDER NAME	Region
1	MUZAFFARPUR(PG)	NP-5074-A	400 KV MUZAFARPUR (PG)-GORAKHPUR(NR)-1	ER-I
2	MUZAFFARPUR(PG)	NP-9981-A	400 KV MUZAFARPUR (PG)-GORAKHPUR(NR)-2	ER-I
3	RANCHI(PG)	NP-5835-A	400 KV RANCHI-SIPAT-1 (WR)	ER-I
4	RANCHI(PG)	NP-5836-A	400 KV RANCHI-SIPAT-2 (WR)	ER-I
5	RANCHI NEW(PG)	NP-7847-A	765 KV RANCHI NEW -DHARAMJAYGARH-1	ER-I
6	RANCHI NEW(PG)	NP-8753-A	765 KV RANCHI NEW -DHARAMJAYGARH-2	ER-I
7	MEJIA(DVC)	NP-5226-A	MEJIA END OF MAITHON(PG)-1	ER-II
8	MEJIA(DVC)	NP-5227-A	MEJIA END OF MAITHON(PG)-2	ER-II
9	BINAGURI(PG)	NP-5884-A	BINAGURI END OF BONGAIGAON (NER)-1	ER-II
10	BINAGURI(PG)	NP-5885-A	BINAGURI END OF BONGAIGAON (NER)-2	ER-II
11	ROURKELLA(PG)	NP-5933-A	ROURKELA END OF TARKERA (GRIDCO)-2	ER-II
12	KHARAGPUR(PG)	NP-7563-A	400 KV KHARAGPUR -BARIPADA(PG)	ER-II
13	MPL	NP-7970-A	MAITHON RB END OF RANCHI (PG)-1 (MAIN)	ER-II
14	MPL	NP-7971-A	MAITHON RB END OF RANCHI (PG)-2 (MAIN)	ER-II
15	MPL	NP-7564-A	MAITHON RB END OF MAITHON (PG)-1 (MAIN)	ER-II
16	MPL	NP-6518-A	MAITHON RB END OF MAITHON (PG)-2 (MAIN)	ER-II
17	STERLITE	NP-7572-A	400 KV STERLITE - RAIGARH(WR)-II(MAIN)	ER-II
18	STERLITE	NP-7372-A	400 KV STERLITE - ROURKELLA(PG)-II(MAIN)	ER-II
19	ROURKELLA(PG)	NP-5928-A	400 KV ROURKELLA(PG)-RAIGARH(WR)	ER-II
20	MIRAMUNDALI(OPTCL)	NP-5977-A	400 KV MIRAMUNDALI-ANGUL-1	ER-II
21	MIRAMUNDALI(OPTCL)	NP-5976-A	400 KV MIRAMUNDALI-ANGUL-2	ER-II
22	SUNDERGARH(PG)	NP-7634-A	765 KV SUNDERGARH-DHARAMJAYGARH-1	ER-II
23	SUNDERGARH(PG)	NP-7638-A	765 KV SUNDERGARH-DHARAMJAYGARH-2	ER-II

ER-I								
S. No	S/Station	Loc ID	Meter No	Make	CTR	PTR	Remarks	Data Receipt
1	Banka	ES-88	NP-7458-A	L&T	50	33000/110		Yes
2	Lakhisarai	ES-94	NP-8870-A	L&T	50	33000/110		Yes
3	New Ranchi(765)	ES-87	NP-8752-A	L&T	50	33000/110		Yes
4	Ara(220)	ES-99	NP-8893-A	L&T	50	33000/110		Yes
5	Muzaffarpur	ET-02	NP-5231-A	L&T	1000	415/110		Yes
6	New Purnea	ES-98	NP-5249-A	L&T	50	33000/110		Yes
7	Pusauli	ET-06	NP-8646-A	L&T	50	33000/110		Yes
8	Gaya(765)	EM-99	NP-7472-A	L&T	50	33000/110		No
9	Kishanganj	ES-90	NP-8876-A	L&T	50	33000/110		No
10	Patna	ES-89	ER-1285-A	Genus	50	33000/110		No
11	Biharshariff	ET-01	NP-2355-A	SECURE	1000	415/110		No
12	Chaibasa						Detail not rcvd	No
13	Jamshedpur						Detail not rcvd	No
14	Ranchi(400/220)						Detail not rcvd	No
ER-II & Odhisa Project								
1	Angul	ES-95	NP-5942-A	L&T	1000	415/110		Yes
3	Pandiabili	ES-39	NP-7462-A	L&T	1000	415/110		Yes
4	Rangpo (33 kv TRF)	ES-96	NP-7940-A	L&T	1000	415/110		Yes
5	Rangpo (11 KV AUX TRF)	ES-97	NP-7941-A	L&T	1000	415/110		Yes
8	Sundergarh	ES-93	ER-1019-A	Genus	50	33000/110		Yes
9	Baripada	EM-69	NP-5909-A	L&T	1200	400/110		Yes
2	Bolangir	ET-03	NP-7951-A	L&T	50	33000/110		No
6	Durgapur	ET-04	NP-6024-B	L&T	200	400/110		No
7	Rengali	ET-05	NP-0629-B	Secure	200	415/110		No
10	Jeypore		NP-5695-A	L&T			Detail not rcvd	No
11	Keonjhar		NP-7921-A	L&T			Detail not rcvd	No
12	Maithon						Detail not rcvd	No
13	Birpara						Detail not rcvd	No
14	Siliguri						Detail not rcvd	No
15	Subhashgram						Detail not rcvd	No

Date of Commercial Operation(DOCO) of the Asstes						
						Annexure-XIII
A	Eastern Region Strengthening Scheme-V	DOCO	Approved Cost	Standing Committee Reference	RPC Meeting Reference	Sharing of Charges
01	1 no 80 MVAR Bus Reactor and associated 400kV bay at Gokrana	30/04/17	Rs.1364.52 Cr.(including IDC of Rs.59.11 Cr.).	SCM meeting of ER on 20.09.10	16th TCC & ERPC Meeting on 17.12.10 & 18.12.2010	As per New Sharing methodology of PoC
02	1 no 80 MVAR Switchable line Reactor and associated 400kV bay at Farakka	30/04/17				
03	Gokarna-Farakka portion of 400kV D/C Rajarhat-Purnea TL including LILO of one ckt of Rajarhat-Purnea TL at Farakka and LILO of other ckt of Rajarhat-Purnea TL at Gokrana and associated line bays at Farakka and Gokrana	31/03/17				
B	Common System associated with East Coast Energy Pvt. Ltd. and NCC Power Projects Ltd. LTOA Generation Projects in Srikakulamarea-Part A & Part C	DOCO	Approved Cost	Standing Committee Reference	RPC Meeting Reference	Sharing of Charges
01	765kV Double Circuit Angul-Srikakulam Transmission Line	01/02/17	Rs.1909.24 Cr.(including IDC of Rs.115.94 Cr.).	30th SCM Meeting of SR on 13.04.2010, 35th SCM meeting of SR on 04.01.2013 & SCM of ER on 28.12.2010	Special meetin of SRPC ON 25.11.2010	As per New Sharing methodology of PoC
02	765/400kV Substation at Srikakulam	01/02/17				
03	765kV bay extension at Angul and Srikakulam Substation along-with 2x240 MVAR switchable line reactors each & Angul S/s & Srikakulam S/s	01/02/17				
04	1x330 MVAR 765kV Bus Reactor at Srikakulam Substation	01/02/17				
C	Transmission System assocaiated with Darlipali TPS	DOCO	Approved Cost	Standing Committee Reference	RPC Meeting Reference	Sharing of Charges
01	Darlipali TPS(NTPC)-Jharsuguda(Sundargarh) Pooling station 765kV Double Circuit Transmission Line along-with 02nos 765kV Bays at Jharsuguda9Sundragarh)Pooling station	26/04/17	Rs.187.04 Cr.(including IDC of Rs.11.58 Cr.).	31st Meeting of empower committee on Transmission held on 18.02.13 at CERC New Delhi	Connectivity & Long Term Access with constituents of Eastern Region held on 05.01.13and 24th ERPC meeting on 27.04.13	# Mention in Note
D	ULDC Microwave link & Wide Band Communication Network	DOCO	Approved Cost	Standing Committee Reference	RPC Meeting Reference	Sharing of Charges
01	7 nos. OPGW links under Central Sector assocaiated with expansion of wideband communication network in Eastern Region		-	-	-	-
a)	Baripada-Keonjhar	01/03/17				
b)	Birpara-Alipurduar	01/03/17				
c)	Angul-Bolangir	01/03/17				
d)	Gaya-Chandwa	01/03/17				
e)	Purnea 400kV- Purnea 220kV	01/03/17				
f)	Rengali-Keonjhar	01/03/17				
g)	Uttara(Pandiabilli)-Mendhasal	01/03/17				
E	Fibre Optic Communication system in lieu of existing Unified Load Despatch & Communoication(ULDC) Microwave links in Eastern Region	DOCO	Approved Cost	Standing Committee Reference	RPC Meeting Reference	Sharing of Charges
DVC	i) Kalyaneshwari-Kalipahari	01/07/17				
	ii) LILO at Raghunathpur	01/07/17				
	iii) Koderma TPS-Koderma 400/220 S/s	01/07/17				
	iv) BTPS A- BTPS B	01/07/17				
	v) Ramgarh 220 - Ramgarh 132	01/07/17				
	i) LILO at Liluah-Rishra	01/07/17				

WBSEDCL	ii) Saltlake S/s to Abhikshan Bhawan(UGFO)	01/07/17				
	iii) Vidyut Bhawan to Saltlake GIS(UGFO)	01/07/17				
	iv) Bidhannagar 400- Bidhannagar 220	01/07/17				
OPTCL	i) Mancheswar-Bhubaneswar SLOC	01/07/17				
	ii) Bhubaneshwar SLOC-Vidyut Bhawan(Last Mile)	01/07/17				
BSPTCL	i) Jakkampur-SLDC Patna(UGFO)	01/07/17				
Central	i) ERLDC-Kasba(UGFO)	01/07/17				
F	Expansion & Upgradation of SCADA/EMS System at SLDCs of ER	DOCO	Approved Cost	Standing Committee Reference	RPC Meeting Reference	Sharing of Charges
BSPTCL	(b) Integration of RTUs to Main & Backup Control Centre	01/07/17				
	(f) RTU	01/07/17				
DVC	(b) Integration of RTUs to Main & Backup Control Centre	01/07/17				
	(f) RTU	01/07/17				
JUSNL	(b) Integration of RTUs to Main & Backup Control Centre	01/07/17				
	(f) RTU	01/07/17				
Sikkim	(b) Integration of RTUs to Main & Backup Control Centre	01/07/17				
	(f) RTU	01/07/17				
# Note :	6th Amendment to CERC (Connectivity and LTA/MTOA in ISTS & Related matters) Regulation 2009 was notified on 17.02.17 As per the amendment of Clause (8) of Regulation 8 "The transmission charges for the dedicated transmission line shall be payable by Generator from date of COD of the dedicated line till operationalisation of LTA of the generating station of the generating company". Hence NTPC Darlipalli will bear the transmission charges of the line till operationalisation of LTA.					

AGENDA POINT FOR COMMERCIAL COMMITTEE MEETING TO BE HELD ON 02.08.2017

1) High variable cost of Farakka-I, II, III & Kahalgaon-I, II NTPC stations

It is observed that the variable cost of ER-NTPC stations especially for FSTPS-I,II & III, KHSTPS-I&II have been consistently in rising trend having **weighted average cost** of around 2.84Rs/kwh for FSTPS-I ,II&III, 2.58 for KHSTPS-I, 2.49for KHSTPS-II for the period Apr'16 to July'16. The energy charge rate billed by NTPC during the month of **June'17** are **2.955 Rs/kwh, 2.999Rs/kwh, 2.951Rs/kwh, 2.821 Rs/kwh** for **FSTPS-I,&II, FSTPS-III, KHSTPS-I, KHSTPS-II** respectively the highest rate ever witnessed by GRIDCO for such stations. The Energy charge rate vis-à-vis the landed price and GCV in tabular form as billed by NTPC corresponding to the energy drawal during June'17 are shown below:

Particulars of Energy charge rate	FSTPS-I & II	FSTPS-III	KHSTPS-I	KHSTPS-II
ECR (in Rs/kwh)	2.955	2.999	2.951	2.821
GCV (Kcal/kg)	4059	4024	2843	2843
LPPF (RS/MT)	4655.64	4655.64	3104.85	3104.85

It is worth to mention here that, the energy charge rate billed by IPPs inside the state for the month of **June'17** and their corresponding landed price as well as the GCV are shown in the tabular form below.

Particulars of Energy charge rate	GMR	Vedanta	JITPL
ECR (in Rs/kwh)	1.756	1.443	1.735
GCV (Kcal/kg)	3342	3360	3132
LPPF (RS/MT)	2270	1863	2118

The remarkable difference of energy charge rate between the IPPs of the State and NTPC could be well differentiated from the above table. When the IPPs are able to get the coal (even use of auction coal @ 2257 Rs/MT during the month) at such an affordable rate then it is not understood why NTPC landed price of coal is getting rampantly high day by day. GRIDCO found that, it is more beneficial to purchase power from exchange by surrendering the allocated quantum from NTPC stations which is further not possible due to thrust of power under technical minimum schedule and GRIDCO is compelled to pay such high cost of power. It is pertinent to mention here that the purchase of such high cost power is not allowed by OERC during the approval of Annual Revenue Requirement of GRIDCO and schedule under technical minimum at such high rate is creating financial crunch to GRIDCO. Justification of

such high cost shall be required by GRIDCO to furnish before OERC to pass the same in future ARR.

Hence, NTPC should clarify the reason of such exorbitant high price of its power stations especially for FSTPS, KHSTPS and NTPC may deliberate the action taken to reduce the cost of power from these stations.


22/1/17
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