North Eastern Regional Power Committee

Agenda For

168th OCC Sub-Committee Meeting

Time of meeting : 10:30 Hrs.

Date of meeting : 17th July, 2020 (Friday)

Venue : "NERPC Conference Hall", Shillong.

A. CONFIRMATION OF MINUTES

CONFIRMATION OF MINUTES OF 167th MEETING OF OPERATION SUB-COMMITTEE OF NERPC.

The minutes of 167th meeting of Operation Sub-committee held on 19th June, 2020 at Shillong were circulated vide letter No. NERPC/SE (O)/OCC/2020/3052-3089 dated 3rd July, 2020.

The Sub-committee may confirm the minutes of 167th OCCM of NERPC as no comments/observations were received from the constituents.

ACTION TAKEN -ITEMS

B.1. ACTION TAKEN:

1. IMPLEMENTATION OF PROJECTS FUNDED FROM PSDF:

The status as informed in 167th OCC:

State	R&U scheme	ADMS	Capacitor Installation	SAMAST **	Line Differential Protection
Ar. Pradesh	Package-I Materials supplied. P-II (for PLCC & communication) LOA issued. Work delayed due to COVID situation. Station-wise status to be updated	Requisition for second tranche of 60% to be submitted.	-	TESG approval awaited	-
Nagaland	All completed except for PLCC package. Delayed due to COVID situation Station-wise status to be updated.	Requisition for second tranche of 60% to be submitted.	-	Reply against TESG queries sent except BoD approval.	Lines identified. Under DPR preparation stage.
Mizoram	Completed. 10% remaining claim to be submitted ASAP.	Requisition for second tranche of 60% to be submitted.	To reply to TESG queries.	TESG approval awaited.	Lines identified for installation of DPR viz. 132kV Aizawl - Luangmual

					and 132kV Kawmzawl - Khawiva.
Manipur	Package-II: completed Package-I: WIP Delayed due to COVID situation Station-wise status to be updated.	Requisition for second tranche of 60% already submitted.	PSDF approved. NIT to be floated.	TESG approval awaited.	Lines identified. LDP for 132kV Imphal-Imphal and 132kV Jiribm-Jiribam proposed. Under DPR preparation stage.
	33kV System Integration with SLDC	In tendering stage			
	Reliable Communications for grid connectivity	In tendering stage			
Tripura	Work completed. 10% remaining claim to be sent ASAP. Station wise status to be updated.	TPA to be signed immediately. First requisition to be sent ASAP.	Study results to be submitted alongwith DPR	TESG approval awaited.	Lines not yet identified. To be taken up in Sub-group.
Assam	LOA issued. WIP, delayed due to COVID situation Station-wise status to be submitted.	TPA signed. Requisition for 30% to be submitted ASAP.	-	Under finalization stage for LOA.	Lines identified. Under DPR preparation stage.
Meghalaya	MePTCL Completed in all respects** MePGCL – 10% claim to be submitted ASAP. Station-wise status to be updated.	Final 10% requisition under process.	-	Under finalization stage for LOA.	WIP. Delayed due to COVID situation

Meghalaya has submitted the station-wise status. The other state utilities are requested to furnish status in similar format, station-wise as per format by first week of every month on regular basis to Member Convener, PSDF Project Monitoring Group (AGM, NLDC, POSOCO) with a copy to NPC & NERPC. The LOAs of R&M Scheme are to be furnished to NERLDC/NERPC regularly. As per deliberation in the previous meetings all the utilities were requested to submit station-wise status of R&U schemes.

States may please intimate the latest status.

B.2. OPERATIONAL PERFORMANCE AND GRID DISCIPLINE DURING JUNE, 2020

NER PERFORMANCE DURING JUNE, 2020

	Energy Met (MU)		w.r.t. May,20 % inc (+) /dec (-)	Energy Reqr. (MU)		w.r.t. May,20 % inc (+) /dec (-)	% surplus (+) /shortfall (-) of energy In Jun,20
States	**Jun-20**	**May-20**		**Jun-20**	**May-20**		
Ar. Pradesh	59.77	53.95	10.79	60.03	54.16	10.84	-0.43
Assam	873.48	682.32	28.02	896.04	732.58	22.31	-2.52
Manipur	77.27	70	10.39	77.67	70.27	10.53	-0.51
Meghalaya	176.46	143.93	22.60	176.46	147.14	19.93	0.00
Mizoram	54.58	50.73	7.59	54.97	50.97	7.85	-0.71
Nagaland	67.76	63.22	7.18	68.13	63.45	7.38	-0.54
Tripura	226.5	210.03	7.84	226.56	210.72	7.52	-0.03
Region	**1535.82**	**1274.18**	**20.53**	**1559.86**	**1329.29**	**17.35**	**-1.54**

	Demand Met (MW)		w.r.t. May,20 % inc (+) /dec (-)	Demand in (MW)		w.r.t. May'20 % inc (+) /dec (-)	% surplus (+) /shortfall (-) of demand In Jun,20
States	**Jun-20**	**May-20**		**Jun-20**	**May-20**		
Ar. Pradesh	119	108	10.19	145	108	34.26	-17.93
Assam	1798	1663	8.12	1798	1720	4.53	0.00
Manipur	201	189	6.35	220	208	5.77	-8.64
Meghalaya	335	322	4.04	335	322	4.04	0.00
Mizoram	101	106	-4.72	101	106	-4.72	0.00
Nagaland	143	133	7.52	151	136	11.03	-5.30
Tripura	287	284	1.06	287	284	1.06	0.00
Region	**2884**	**2676**	**7.77**	**2937**	**2755**	**6.61**	**-1.80**

REGIONAL GENERATION & INTER-REGIONAL EXCHANGE IN MU

Month---->	**Jun-20**	**May-20**
Total Generation in NER (Gross)	1739.316	1378.302
Total Central Sector Generation (Gross)	1387.422	1086.797
Total State Sector Generation (Gross)	351.894	232.562
Inter-Regional Energy Exchange		
(a) NER-ER	0.00	117.27
(b) ER-NER	**311.06**	**125.05**
(c)NER-NR	**470.80**	**204.02**
(d)NR-NER	0.00	131.13
© Net Import	-159.74	-65.11

AVERAGE FREQUENCY (Hz)

Month---->	**Jun-20**	**May-20**
	% of Time	% of Time
Below 49.9 Hz	3.50	4.23
Between 49.9 to 50.05 Hz	75.40	76.68
Above 50.05 Hz	21.10	19.10
Average	50.01	50.01
Maximum	50.20	50.30
Minimum	49.72	49.61

C. ITEMS- STATUS REVIEW

C.1 Auto-reclosure issues at Azara:

In 167th OCCM, it was decided that signal mismatch between Silchar & Azara would be resolved in June'20 by availing shutdown.

AEGCL may please inform the latest status.

C.2 Implementation of SPS-2&4 related to Bangladesh

It was agreed during the special meeting held on 20.02.20 that for SPS 2 and SPS 4 related to Bangladesh, the tripping can be done at Indian side. The issue was also discussed during the outage coordination meeting held on 22.05.20 via VC.
It was expected that these two schemes out of the four schemes can be implemented on immediate basis. This would also facilitate in availing the shutdowns of 400 kV Silchar – Palatana I or II without reduction in generation of Palatana by keeping SPS-2 (India) in operation.

In 167th OCCM, Sr.DGM(AM), NERTS informed that cabling for SPS-2 & 4 has been completed at Surjamaninagar and Palatana. The final connection and testing shall be done during Shutdown proposed by Bangladesh on 22.06.2020/23.06.2020.

NERTS may please inform the latest status.

D. I T E M S FOR DISCUSSION

D.1 Generation Planning (ongoing and planned outages)

a. Present per day MU and projected number of days of operation.

Plants	Reservoirs level in meter	MU content	Present DC (in MU)	No of days as per current generation
Khandong + Kopili stg II			**1.114**	
Kopili			**0**	Will be "0" until further intimation.
Doyang			**0.138**	
Loktak			**0.5**	

The outage of other generating stations may be approved considering the present water levels in reservoirs and long term outage of Kopili HEP.

The Committee may discuss and approve the proposed shutdown by Generating Stations as given in Annexure – D.2 which is available in NERPC website.

D.2 Outage Planning Transmission elements

It was agreed in the 99th OCC meeting that shutdown will be availed only after approval is given by the OCC forum. It was also agreed that deferment/revision of outages elements other than already approved in OCC will be henceforth put/displayed in the website of NERPC (**under Operational Activities/OCC Approved shutdown**) as per CERC regulations/ CEA guidelines etc for ensuring smooth & secure grid operation.

Furnishing request of shut down of the element, which was approved by NERPC, by Indenting Agency (ISTS licensees/STUs/Generating Companies) to NERLDC: Planned shutdown approved by NERPC shall be considered for implementation by NERLDC on D-3 basis. If an outage is to be availed on say 10th of the month, the shutdown availing agency would reconfirm to NERLDC on 7th of the month by 10:00 Hr. This practice is necessary to ensure optimal capacity utilization and the time required for associated system study/coordination by/amongst RLDC/NLDC.

It was decided in the previous OCCM that shutdown would be granted from the 1st day of the following calendar month to the 30th/31st day of the same month.

The sub-Committee may kindly discuss and approve the transmission line outages proposed by Constituents for 01st August,2020 to 31st August,2020 which is available in the website of NERPC.

D.3 Estimated Transmission Availability Certificate (TAC) for the month of March,2020 – May,2020:

NETC and POWERGRID have submitted the outage data for the month of March,2020 – May,2020. So the attributability of outage of the said elements may please be finalized.

Members may please discuss.

D.4 Restoration of Assets damaged at Kopili HEP due to failure of Penstock:

As per decisions in previous meeting(s):

a. Individual bay wise/element wise ownership determination, kiosk location, cable routing etc., at site level is to be done jointly be NEEPCO & NERTS and a consolidated report should be submitted to the task force committee. Subsequently based on that estimate is to be prepared.
b. The Task Force Committee shall decide the mechanism of handing over of NEEPCO switchyard except Units bays and 132KV/33KV bays of 5 MVA transformer to NERTS and treat the entire elements as transmission assents.
c. The damaged assets of NEEPCO/ renovation works against the same will be executed by NERTS. After handing over of NEEPCO' switchyard assets portion to NERTS and assets under NERSS-III shall be restored by NERTS under PoC mechanism. It was also decided that NERTS may explore the amount to be recovered from Insurance agency.

The forum requested NERTS to present the detailed estimate in the next OCC meeting.
MePTCL requested that considering the unavailability of Misa-Kopili-Khandong-Khliehriat link a study may be conducted specifically for winter period. The forum agreed and decided that the issue will be taken up by the Task Force Committee constituted for restoration of the above link.

Members may please discuss

D.5 RGMO analysis for events dated 17th May, 2020 and 28th May 2020

In 167th OCC meeting, regarding the RGMO analysis for events dated 17th May 2020 and 28th May 2020, NERLDC informed the following:

- On 17th May, 2020 response from all the units were negligible.
- For Palatana GTG-I, GTG-2 gave positive response but could not sustain the same for 1 minutes. In STG-I & II oscillation was observed during response and not it did not sustain.
- BgTPP Unit#I negative response, BgTPP Unit#III response not sustained.
- Pare HEP response not sustained.
- On 28th May,2020 response from RHEP, Pare, Loktak, DHEP & BgTPP were either zero/negative.
- Palatana GTG#I & II response sustained for around 2 minutes. In STG-I & II oscillation was observed during response and not it did not sustain.
- Pare Unit 2 did not provide any response whereas RHEP Unit I, II & III gave a positive response but could not sustain.

Concerned utilities were requested to intimate the reasons for the above deviations.

Members may please discuss.

AGENDA ITEM FROM NTPC

D.6 Scheduling of additional power from BgTPP on daily basis:

BgTPP is running continuously at technical minimum load for last 4 months. During the operation of thermal power plants the ash getting accumulated on the water walls. Ash accumulation at water walls reduce the heat transfer capacity and uneven heat transfer. Accumulated ash at water walls to be dislodged on daily basis by steam soot blowing to increase the heat pickup. Soot blowing activity at lower loads may disturb the flame stability in the furnace and may lead to subsequent tripping of the unit. Hence an additional load of 40-50MW for continuous 4hrs(16 blocks) may be provided everyday so that soot blowing can be carried out.

NTPC may please deliberate.

AGENDA ITEM FROM OTPC

D.7 Shutdown of OTPC Module-I:

It is proposed to have shutdown of OTPC Palatana Unit-1 in the first week of Oct'20 for 8 days for HRSG-1 license renewal.

OTPC may please deliberate.

AGENDA ITEM FROM STERLITE

D.8 Issuance of SEMs against STERLITE projects:

Transmission projects of national importance is being implemented by **M/s NER II Transmission Limited.** The Project will strengthen the transmission and distribution system in NER & Sikkim.

M/s NER II Transmission Limited is constructing the project which is in advance stage of commissioning the details of elements are as below for your reference.

Sl No	Name of the Line/ICT/BR/LR
1.	400kV Silchar(PG) - Misa(PG) Ckt-1
2.	400kV Silchar(PG) - Misa(PG) Ckt-2
3.	132kV Biswanath chariyalli(PG) - Itanagar Ckt-1
4.	132kV Biswanath chariyalli(PG) - Gohpur(AEGCL)
5.	132kV Itanagar - Gohpur(AEGCL)
6.	400/220kV at Surajmaninagar (2X315MVA ICT)
7.	400/220kV at P.K.Bari (2X315MVA ICT)
8.	400kV Surajmaninagar(NER II) - P.K.Bari(NER II) Ckt-1
9.	400kV Surajmaninagar(NER II) - P.K.Bari(NER II) Ckt-2
10.	132kV AGTPP(NEEPCO) - P.K.Bari(TSECL) Ckt-1
11.	132kV AGTPP(NEEPCO) - P.K.Bari(TSECL) Ckt-2
12.	2 Nos 132kV Line Bays at ITANAGAR
13.	2 Nos 132kV Line Bays at AGTPP (NEEPCO)
14.	2 Nos 132kV Line Bays at P K BARI (TSECL)
15.	2 Nos 400kV Line Bays at PALATANA (OTPC)

Request you to kindly please guide us for **the** issuance of getting the SEM meter as per the attached Meter scheme drawing for the above-mentioned project, also kindly accord your approval for the Meter Scheme Drawing(attached at **Annexure-D.8**) for the NER-II Project.

M/s STERLITE may please deliberate.

AGENDA ITEMS FROM NERLDC:

D.9 Phase shift errors in PMU:

Voltage correction is done for all substations except 132 kV Dimapur (PG).

Two issues that needs discussion:

a. Current sequence is also to be corrected to avoid the discrepancy in fault phase observed from voltage and current waveform. But, if current sequence is changed it will not match with DR.
b. To match phase sequence with DR, voltage sequence is needed to be reverted to old sequence. But this shall cause error in PMU phase angle as before.

It is recommended that for protection analysis, DR and PMU phase sequence is to be matched and for solving phase angle error, primary side connections should be changed.

NERLDC may please deliberate.

D.10 Reserve Shutdown guidelines for NER constituents:

In order to have an organised approach regarding decisions of sending units under RSD in real time, a guideline document has been prepared for NER constituents in line with

Detailed Operating Procedure for RSD prepared by POSOCO and approved by hon'ble CERC vide order no. L-1/219/2017-CERC dated 5th May, 2017. Following are the new inclusions w.r.t the CERC procedure:

1) Real time timelines for RSD
2) Methodologies for swapping of units under RSD

The guideline document was sent to all constituents via email dated 06/07/2020 and the same is open for comments till 10/07/2020. The guideline document is attached as **Annexure –D.10**. Forum is requested to approve the same for implementation in NER.

NERLDC may please deliberate.

D.11 Charging of elements at Sihhmui S/S of Mizoram without prior intimation to NERLDC and without following FTC procedure

In reference to Letter with no: 11015/01/16-EC(P)/Com/52 dated 26/06/2020 received from P&ED, Mizoram vide email dated 07/07/2020, it was informed **that 02 nos of 132 kV Bays of Melriat – Sihmui D/C at Sihhmui Substation, 132 kV Sihhmui Bus and 132/33 KV, 12.5 MVA Transformer at Sihhmui Substation** has been charged and technically commissioned on 28.05.2020. It may be mentioned that charging of 132 kV Melriat(PG) – Sihhmui(P&ED, Mizoram) D/C was accorded to POWERGRID, NERTS only till the Gantry of Sihhmui (P&ED, Mizoram) Substation vide approval no: NERLDC/SOII/Trial Oprn/0365 dated 26.10.17.

The charging of the said elements was done without prior intimation to NERLDC and without following the First Time Charging Procedure of NERLDC **which is a violation of the guidelines as per Clause no 1(c) and Clause no 1(e) of Annexure 17.2 a of NER Operating Procedure 2019 , Clause no. 6 of CEA (Grid Standards) Regulations, 2010.Clause no 5.2(c) and Clause no. 4.6.2 of CERC (Indian Electricity Grid Code) Regulations, 2010.**

P&ED, Mizoram is requested to abide by the procedure strictly during first time charging of any upcoming elements for ensuring safe and secure operating of the NER grid. Also, it is requested to submit relevant documents/annexures and clearances in view of charging of above-mentioned elements at Sihhmui Substation in FTC portal at the earliest.

NERLDC may please deliberate.

D.12 Difficulties faced in management of high voltage scenario in Upper Assam System

Decisions regarding measures to control over voltage in Upper Assam System is difficult due to non-availability of real time MVAR support from Namrup and Lakwa. This causes opening of 220 kV AGBPP-Mariani (AS) and 220 kV Mariani- Namrup lines as a precautionary measure. SLDC Assam is requested to take necessary actions regarding the following:

a. Real time SCADA data availability from state owned generating stations
b. Namrup and Lakwa should deliver maximum MVAR support as per capability curve limit

NERLDC may please deliberate.

Metering Agenda

D.13 SEMs to be Procured

In 167th OCCM NERTS informed that work order has been placed to M/s L&T. The party informed that production is in advanced stage of completion. With testing and inspection, the same shall be ready for dispatch by 30.06.20. Delivery of meters is expected by first week of July'20.

NERTS may please inform the status.

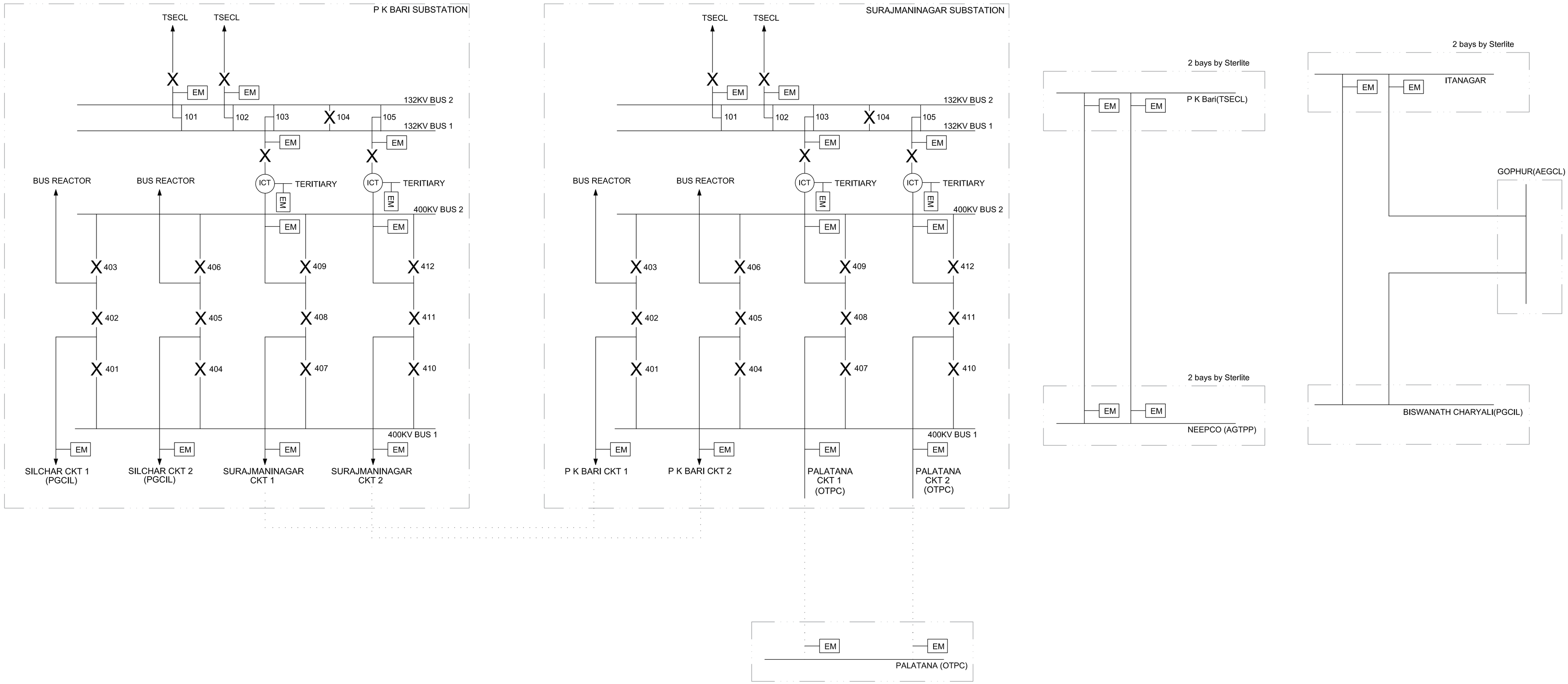
D.14 SEM time drift:

In 167th OCCM NERTS informed that the time drift reports shall be furnished by 19.06.20. NERLDC requested Nagaland to send the time drift report on weekly basis.

NERTS/NERLDC may please intimate the latest status.

Any other item:

Date and Venue of next OCC



NOTES:

1. Energy meters for line silchar ckt 1 & 2 at PGCIL Sichar substation shall be provied by PGCIL
2. For 132 KV lines terminating at TSECL substations, the meters are to be provided by TSECL.
3. For 132 KV lines terminating at Gophur(AEGCL) substation, the meters are to be provided by Gophur(AEGCL).
4. For 132 KV lines terminating at Biswanath charyali(PGCIL) substation, the meters are to be provided by PGCIL.

Sterlite Power

STERLITE POWER GRID VENTURES LIMITED (SPGVL)

PROJECT

ESTABLISHMENT OF TRANSMISSION SYSTEM FOR "NER SYSTEM STRENGTHENING SHEME–II(PART–B) & V"

TITLE

ENERGY METERING SCHEME FOR "NER SYSTEM STRENGTHENING SHEME–II(PART–B) & V"

Guidelines for taking units of ISGS Thermal (Coal/Gas based) Generating stations under Reserve Shutdown

Prepared in line with CERC approved DOP on Reserve Shutdown and Compensation Mechanism

Power System Operation Corporation Ltd.

North Eastern Regional Load Despatch Centre (NERLDC), Shillong.

I. Preamble:

This documents is prepared in line with CERC approved *"Detailed Operating Procedure for Backing Down of Coal/Lignite/Gas unit(s) of the Central Generating Stations, Inter-State Generating Stations and other Generating Stations and for taking such units under Reserve Shut Down on scheduling below Technical Minimum Schedule (DoP)"* approved vide order no. No. L-1/219/2017-CERC dated 5th May, 2017. Definitions of the terms mentioned in this document will be same as in the DoP and other regulations of hon'ble CERC.

II. Objective:

1. This document provides guidelines and methodologies to be followed while taking units of ISGS Thermal (Coal/Gas based) generating stations under Reserve Shutdown (RSD).
2. These guidelines have been prepared in line with the DoP for describing the various timelines to be followed both in Day-Ahead as well as in Real Time for taking units under RSD.
3. Provisions for swapping of units under RSD with on bar units of the same generating station, has also been mentioned in these guidelines.
4. Any other provisions which is either covered or not covered in these guidelines shall be as mentioned in CERC approved DoP for RSD.

III. Timeline for taking units under RSD during Day-Ahead Scheduling:

The following Timeline shall be followed in Day ahead for taking unit under RSD:

18:00 Hrs	Publication of R-0 by RLDC without ensuring Technical Minimum of ISGS in WBES
20:00 Hrs	If the net EX-PP injection schedule is less than Technical Minimum, then beneficiaries of that ISGS shall be required to review their requisition(s) and submit a revised requisition in WBES
20:30 Hrs	If the net EX-PP injection schedule is less than Technical Minimum after revised requisition, RLDC shall publish Revision R-1 in WBES as per any one of the following: a. Schedule the ISGS below its technical minimum. ***OR*** b. Suo-Moto revise schedule of ISGS as per clauses 6.5.14 and 6.5.20 of the Grid Code to operate at or above technical minimum
21:00 Hrs	Under case-a above, the generating station shall have the option to go for RSD with intimation to RLDC or to generate at a schedule below technical minimum. The ISGS shall revise their On-Bar and Off-Bar DC in WBES accordingly.

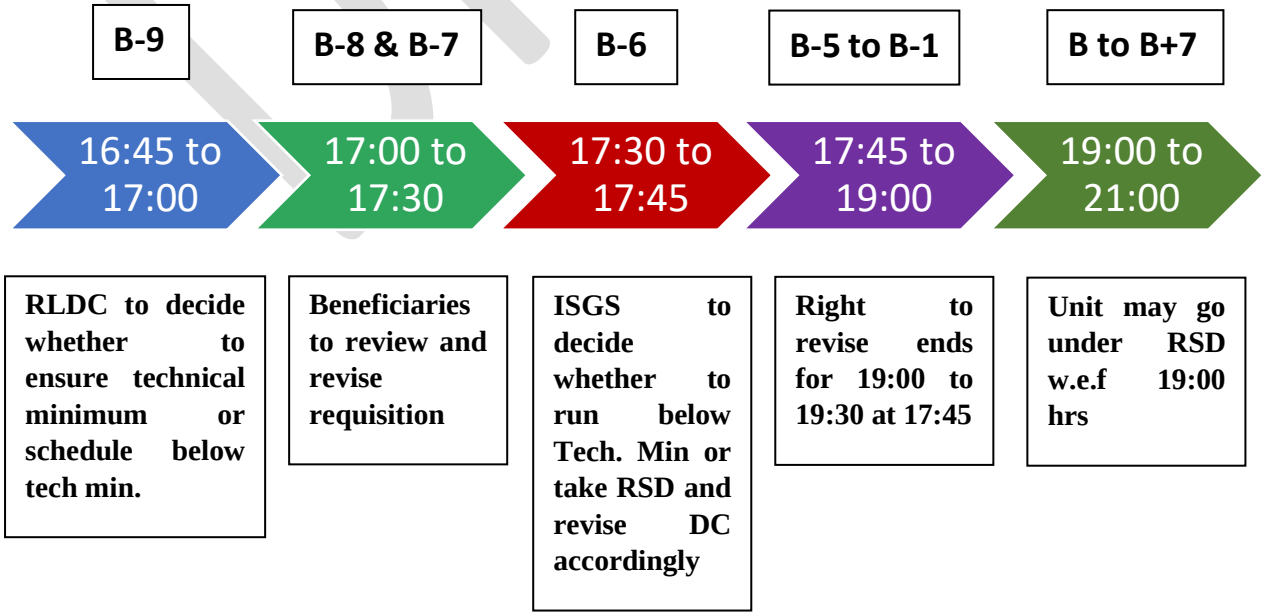
IV. Timeline for taking units under RSD during Real Time Scheduling:

1. A unit shall go under RSD with effect from an odd time block only.

2. The following Timeline shall be followed in Real Time for taking unit under RSD from Odd Time Block "B":

Block ***B-9 (2 hrs and 15 mins ahead)***	RLDC shall check if, algebraic sum of requisitions of beneficiaries from the ISGS is less than Technical Minimum minus power sold by the ISGS through STOA/power exchange from block B to B+7. If Yes, RLDC shall revise schedule for B to B+7 in WBES as per any one of the following: **a.** Schedule the ISGS below its technical minimum. ***OR*** b. Suo-Moto revise schedule of ISGS as per clauses 6.5.14 and 6.5.20 of the Grid Code to operate at or above technical minimum. Under case a above, RLDC shall display the station likely to go under RSD from block B on its website.
Block ***B-8 and B-7 (1 hrs and 30 mins ahead)***	Under case a above and after publication of the RSD alert message in RLDC website, beneficiaries of that ISGS shall be required to review their requisition(s) from B time block onwards and submit a revised requisition in WBES by end of block B-7. Also, the beneficiaries through respective SLDCs shall send an email communication to RLDC mentioning their view regarding RSD.
Block ***B-6 (1 hrs and 15 mins ahead)***	If net EX-PP injection schedule is less than Technical Minimum after revised requisition, the generating station shall have the option to go for RSD with intimation to RLDC or to generate at a schedule below technical minimum. The ISGS shall revise their On-Bar and Off-Bar DC in WBES accordingly before Right-to-Revise ends as per IEGC Timeline for scheduling.

An Illustration of the real time timeline is presented below:



3. The above-mentioned real-time timeline shall be repeated after every two time blocks.

V. Swapping of unit under RSD with on-bar unit:

1. A unit under continuous RSD shall be swapped with an on-bar unit of the same ISGS either after 7 days from taking the unit under RSD or as and when decided by RLDC.
2. The methodologies mentioned in the CERC approved DoP for RSD shall be followed while reviving the unit under RSD during the process of swapping.
3. The generating station shall ensure that the unit which is to be taken under RSD after swapping shall be kept on bar for not more than 2 time blocks from the time block in which the revived unit achieves its technical minimum generation. *For e.g., say, unit A of an ISGS is under RSD for more than 7 days and unit B of the same ISGS is on bar. On the 8th day, unit A shall be revived from RSD and unit B shall be put on RSD, considering the requisition pattern on the 8th day from the ISGS remains similar to requisition in past 7 days. While revival of the unit A, ISGS shall ensure that unit B shall be taken under RSD by the end of B+2 block, B being the block in which unit A achieves its technical minimum generation.*

VI. Few important points to consider while taking unit under RSD:

1. Once a unit is taken out under RSD, the unit can be recalled any time after 8 hours. In case of system requirements, the generating unit can be revived before 8 hrs as well.
2. The generator shall ensure that the Off-Bar DC is not more than the MCR less Normative Auxiliary Consumption of the machines under RSD

VII. Few important points to consider while reviving unit under RSD:

1. One or more beneficiaries of the generating station as well as the generating station may decide for revival of unit(s) under RSD with commitment for technical minimum schedule with minimum run time of 8 hrs for Coal based generating stations and 3 hrs for Gas based generating stations post revival.
2. The time to start a machine under different conditions such as HOT, WARM and COLD shall be as per the declaration given by the generating station under the Detailed Procedure for Ancillary Services Operations (Format AS-1 and AS-3 of the said Procedure).
3. RLDC may also advise the generating stations to revive unit(s) under RSD for better system operation (IEGC 6.5.20). In such cases, RLDC shall ensure technical minimum schedule by increasing schedule of all the beneficiaries in the ratio of under-requisition.