

North Eastern Regional Power Committee

Agenda

For

17th NETeST Sub-Committee Meeting

Time of meeting : 10:30 Hrs.

Date of meeting : 26th June, 2020 (Friday)

Venue : “NERPC ”, Shillong.

A. CONFIRMATION OF MINUTES

CONFIRMATION OF MINUTES OF 16th NETeST Meeting held on 20.02.2020.

The minutes of 15th NETeST Meeting held on 20th February, 2019 at Guwahati were circulated by NERPC vide letter No. NERPC/SE(O)/TeST/2020/4847-4884 dated 16th March, 2020.

The Sub-committee may confirm the minutes of 16th NETeST meeting of NERPC as no comments/observations were received from the constituents.

ITEMS FOR DISCUSSION

A.1 Status of FO works under different projects:

Latest status as per 16th NETeST:

Project	States	Current Status	Comments/ Issues
MW Vacation & OPGW Project		Completed except 3 links (Nirjuli-Ranganadi- ROW issue. Sihmui-Melriat, Zemabawk2-Aizawl-Front not ready)	P&E Mizoram to make front ready for at Sihmui and Zemabawk.
NER FO Expansion	Tripura	All links completed.	After completion 132kV Palatana (OTPC) - Udaipur (TSECL) OPGW cut due to diversion by railway. Affected links 132kV Udaipur - Rokhia, 66kV Udaipur - Gumti & 66kV Gumti - Amarapur.
		SM Nagar~Rokhia & SM Nagar~Monarchak	Front to be made available by TSECL. Execution also by TSECL. Material handed over.
	Meghalaya	3 out of 4 links completed. NEHU-NEIGRIMS pending.	Nehu- Neigrims connected via part of original ULDC path NEHU to Kliehriat-I

	Manipur	132kV Loktak (NHPC)-Rengpang.	ROW issue recently solved. Delay due to Covid19 situation.
	Nagaland	Wokha –Kohima LILO at New Kohima pending.	DoP Nagaland to complete the LILO part.
		132kV Doyang- Sanis	Newly added to the contract.
ULDC upgradation	All states	Completed.	Umtru connected.

Members may please discuss.

B. NEW ITEMS

B.1 Strengthening of PLCC System by NER States:

In 16th NETeST meeting NERLDC informed the forum that the real-time data transfer from several substations in the NER is dependent on PLCC links and hence the maintenance of PLCC panels should be done at periodic intervals. It was also deliberated that certain T-connections if made by state-utilities for power transfer will lead to signal loss in PLCC communication; hence, it should be avoided. Forum agreed that due consideration on maintenance of PLCC panels should be given. NERLDC also suggested that each constituent should prepare the action plan for necessary BOQs for upgradation / renovation of PLCC and submit their proposal at NETeST forums. While preparing BOQs each constituent should ensure the feature of Speech and Data for PLCC links along with separate protection panels.

It was also deliberated that NERPSIP communication details” needs to be elaborated by the states in detail.

Members may please discuss.

B.2 Improvement of data availability of NER:

As per IEGC 4.6.2, all users shall ensure telemeter power system parameters to RLDC. The present level of data availability of NER grid is as tabled in the **Annexure-1**, which is less than 50% in the region.

SN	Utility	Percentage Availability	Stations Not Reporting	Latest Status/ Issues
1	Assam	48.5%	51.5% stations not reporting.	Impacted due to SAS upgradation work. NERPC to form Team for monitoring and expedite the

				work.
2	Tripura	18.95%(12 out of 25 reporting)	Dhalabil, Badarghat, Baramura, SM Nagar, BJ Nagar	Links completed. Voice and data configuration pending.
			Gumti, Amarpur, Rokhia	End equipment installation at Palatana station pending.
			Sabroom, Satchand	Island FO link. Needs PLCC to bring data to WB location Udaipur.
			Monarchak	FO Under construction. TSECL to submit action plan for remaining 13 stations.
3	Meghalaya	45.69%		Proposal moved by MRT team for procurement of DI card.
5	Manipur	52.81%		Patch cord issue by rodents.
6	Nagaland	35.49% (4 out of 17 reporting)	13 stations not reporting	Nagaland to submit action plan for improving data availability
7	Mizoram	18.40%	Luangmual, Zuangtui	Can be integrated to nearest station Aizawl.
			Kolasib	RTU delivery and installation pending by NERTS.
8	Ar. Pradesh	7.15%		DoP AP to submit action plan for improving data availability.

NERLDC submit to NERPC to advise TSECL, DoP-Mizoram, DoP-Arunachal Pradesh and DoP-Nagaland for improvement of the data availability of respective state-owned stations.

Periodic reminder letters regarding data-availability has been sent to all constituents but no substantial response has been received yet. The associated letters in this regard are attached as Annexure-2.

All constituents should have a detailed action plan and deadlines for strict compliance to ensure 100% reliable & redundant data to NERLDC.

NERLDC may please deliberate

B.3 Status of URTDSM

The status on various issues related to URTDSM and other PMU related matters needs to be updated to the forum as listed below:

AEGCL: PMUs in Samaguri station was disconnected at site by AEGCL due to upgradation works from conventional stations to SAS based stations. As the SAS activities have been completed, the PMUs need to be re-connected to the CT/PTs at the site. As minuted in the 16th NETeST meeting, AEGCL may please update on the following action points –

- Procurement of cables to connect PMU to Kiosk with an approx. length of 2,000 m (total of multiple cables).
- Target date for completion of the necessary works of PMUs reconnection at Samaguri station.
- Preparation of list of material required for the PMUs re-installation works and conveying it to NERPC for information.
- Issuance of a letter from NERPC to CGM of AEGCL for the PMU re-installation works.

NERTS : As minuted in the 16th NETeST meeting, NERTS is requested to update the status on the following –

- Resolving the CVT connections issues in remaining three (03) stations namely, 220 kV Dimapur (PG) S/s, 220 kV Mariani (AS) and Tinsukia.
- Resolving the angle issue which is persistent in 400 kV Bongaigaon – Siliguri 1. All the angle are measured with respect to 400 kV Bongaigaon Bus.
- Change in CT connections at all stations where CVT connections have been changed OR some other plan like further transposition in lines to rectify the phases.
- Installation of pending analytical application: Five (05) applications of Power Analytics Software (PAS) out of Six (06) were uploaded in NERLDC URTDSM system, by IIT Bombay and POWERGRID officials, in the month of July'19. However, an application for Control schemes for improving system security is still pending for uploading. NERTS is requested to expedite the works related to it.

NERTS, NERLDC and AEGCL may please intimate the latest status

B.4 Replacement of GPRS mode of communication for data transfer in NER:

It was deliberated in the 16th NETeST meeting and accepted by the forum that GPRS will be discouraged due to its unreliability and intermittency in real-time data transfer and the same may be replaced with broadband connection till a permanent mode of communication like Fiber-Optic, PLCC, VSAT, etc. is established. Many stations which are still working on GPRS for real-time data transfer are - Tripura: PK Bari, Dharmanagar, Manipur: Tipaimukh, etc.

TSECL/MSPCL/DoP Nagaland/P&ED Mizoram/NERTS may please inform the latest status

B.5 Selected cases of sub-stations for rectification of corresponding data/communication related issues:

Utility	Station	Latest Status/ Issues
NEEPCO	Ranganadi-2 nd channel	FO link through but equipment installation pending at BNC. Delay due to Covid19.
	Kathalguri	VoIP Phone not working since 21.01.2020.
NTPC	BgTPP	No VOIP at unit control room(3 no.)
OTPC	Palatana	Dual channel pending for completion of FO link. OTPC to arrange for connection of data channel to SDH/PDH mux.
NHPC	Loktak	RTU procurement underway. By March 2020.
Meghalaya	Killing	Frequent failure.
	Ampati, Rongkhon, Nangalbibra, Nongstoin	EMS/ SCADA modeling pending at SLDC.
Mizoram	Kolasib	RTU not delivered by NERTS
	Saitual, Khawzawl, Champhai, Serchhip, Lunglei	EMS/ SCADA modeling pending at SLDC.
Nagaland	Meluri, Kiphire	EMS/ SCADA modeling pending at SLDC.

All constituents may please intimate the status.

B.6 Action plan on VSAT Technology for NER states:

As discussed in MoM of 16th NETeST meeting the forum unanimously agreed that VSAT scheme implementation for States will be beneficial to NER.

The forum may discuss on further action plans on deployment of VSAT Communication in NER.

B.7 VSAT For Roing Tezu Namsai:

NERTS informed in the 16th NETeST meeting that the respective file for VSAT implementation is pending at Corporate Centre, POWERGRID. After approval, NERTS will implement the VSAT at Roing, Tezu and Namsai.

NERTS may please intimate the status.

B.8 Readiness for supply of CFEs in Badarpur (2nd TS Node)

The Terminal Servers have been dispatched from the NOIDA office of M/s GE T&D India Limited and will be received at NERLDC, Shillong. Further installation at Badarpur site will also be done till Jul'20.

NERLDC may please intimate the status.

B.9 Data validation status of all Substations:

SN	Utility	Completed	Pending	Latest Status/ Issues
1	PGCIL	20 stations out of 23	Roing, Tezu, Namsai	Data validation to be done with existing setup.
2	Assam			MoM signed with NERLDC for Action plan. Deadlines needs to be adhered.
3	Meghalaya			MoM signed with NERLDC for Action plan. Deadlines needs to be adhered.
4	Nagaland			MoM signed with NERLDC for Action plan. Deadlines needs to be adhered.

Concerned Utilities / NERLDC may please intimate the status.

B.10 Dual channel availability for reliable and redundant communication system in NER:

The Dual-channel availability for reliable and redundant communication system to be provided at Main NERLDC, Shillong as well as Backup NERLDC, Guwahati.

Separate annexures for forced outages in communication links shall be included and reported to the NETeST forum. NERLDC has issued a letter to POWERGRID-NERTS regarding connecting present/temporary Backup NERLDC to wide-band node at Kahilipara through Fiber/ADSS on interim basis.

NERTS is requested to take appropriate action on it.

NERTS and NERLDC may please discuss.

B.11 Utilities executing regional projects to submit monthly progress report to NERPC

As minuted in the 16th NETeST meeting, all utilities shall share the monthly progress report with NERPC. The progress report is not getting shared with NERLDC for informational purposes.

Members may please discuss.

B.12 Integration of Dikshi HEP real time data and pending Voice communication:

The real-time data availability from Dikshi station is intermittent due to some technical issues as conveyed by the site. The voice communication has not been made available from Dikshi station yet. In case of Tenga station, the voice communication is not available at NERLDC as well as SLDC itself. The communications issued from NERLDC to M/s Devi Energies Private Limited in this regard is attached as **Annexure-12a** and **Annexure-12b**. An undertaking was also submitted by M/s Devi Energies Private Limited before first-time-charging stating that the voice communication will be made available within 6 months after FTC of the Dikshi and Tenga stations.

NERLDC raised the concern in 16th NETeST meeting about non-availability of voice communication between Dikshi HEP with SLDC Arunachal and NERLDC. Forum acknowledged the absence of representative from DoP-Arunachal Pradesh as well as M/s Devi Energies Private Limited.

NERPC informed the forum that matter will be taken to higher officials of concerned utilities by NERPC.

DoP, AP may please intimate the status.

B.13 Issue of mismatch in timestamp of SoE of PGCIL owned Substations:

Mismatch of timing between NERLDC SCADA time and field time is observed in substation of PGCIL. However, the issues of few stations are still pending and those are list in the table below. As Sequence of Events (SoE) is important for grid disturbance analysis. The mismatch should be rectified at the earliest.

Sl. No.	Station Name	SOE mismatch	Present status
1	Tezu	05:30 hr	Resolved from 07.05.2020.
2	Ziro	Date and Time	Resolved from 05.05.2020

NERTS/NERLDC may please intimate the status.

B.14 Automatic Generation Control(AGC) in Indian Grid:

As per the CERC order on AGC, all the ISTS stations need to get connected with NLDC for receiving AGC signals. The action-points discussed and minuted in the 16th NETeST meeting are mentioned below:

- BgTPP: POWERGRID informed the forum that BgTPP is connected on optical-fiber links but the end equipment required for AGC needs to be procured by plants itself.
- AGBPP: Link between plant and NLDC is yet to be established and tested. NERTS informed that the link configuration is already completed and asked NERLDC for joint testing within a week. NEEPCO was requested to install and commission necessary hardware and software for the AGC at the earliest as the target date for completion of AGC in Pan-India is March-2020.

- Kopili: As station under recovery after incident of penstock burst, the plant will not come under AGC till the recovery of station.
- Khandong and Doyang: Manager, NEEPCO informed the forum that the plants are under renovation. Therefore, the plants will come under AGC scheme after completion of renovation.
- Loktak: Manager, NHPC informed the forum that the plant will undergo renovation work for implementing local SCADA system. It will not be possible for Loktak to implement AGC. NERLDC requested Loktak-HEP to write their concerns to NLDC via CC-NHPC

Members may please discuss.

B.15 Status of RGMO to the Load Despatch Centres:

The real-time telemetry status of RGMO is requested to be made available for Load Dispatch purposes at SLDC-level as well as NERLDC for efficient grid-operation purposes.

The list of stations for the aforesaid requirement are – Khandong, Kopili, Kopili Stg II, Doyang, AGBPP, AGTCCPP, Ranganadi, Monarchak, Tuirial, Pare, Loktak, Palatana, BgTPP, Kameng, Baramura, Rokhia, LTPS, LRPP, NPTS, NRPP, Langpi, New Umtru, Leshka, Likimro, Dikshi, Umiam Stage I, Umiam Stage II, Umiam Stage III, Umiam Stage IV.

Members may please discuss.

B.16 Status of FSC in stations of NER:

The status of switching devices associated with FSC in the 400kV Bongaigaon-Balipara ckt. 3 and 4 (at Balipara end) needs to be made available for monitoring by Load Despatch Centres at state-level as well as NERLDC.

NERTS may please intimate the status.

Any other item:

Date and Venue of next NETeST:

It is proposed to hold the 18th NETeST meeting of NERPC on second week of September 2020. The date & exact venue will be intimated in due course.

Annexure -1

Average Data availability for the month of May '20 is given in the following table:

S. No.	Central Sector Utilities	Average Data availability-May'20 (%)
1	PGCIL	90.85%
2	NEEPCO	89.83%
3	NTPC	99.97%
4	NHPC	95.45%
5	OTPC	99.41%

S. No.	State Constituents	Average Data availability-May'20 (%)
1	Arunachal Pradesh	7.15%
2	Assam	48.50%
3	Manipur	52.81%
4	Meghalaya	45.69%
5	Mizoram	18.40%
6	Nagaland	35.49%
7	Tripura	18.95%

पावर सिस्टम ऑपरेशन कॉर्पोरेशन लिमिटेड
(भारत सरकार का उद्यम)
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Government of India Enterprise)



उत्तर पूर्वी क्षेत्रीय भार प्रेषण केंद्र : लोअर नंगरा, लापालांग, शिलांग-793006, (मेघालय)
North Eastern Regional Load Despatch Centre: Lower Nongrah, Lapalang, Shillong - 793006, (Meghalaya)
Ph : 0364-2537470, 2537427, Fax - 2537486 Website : www.nerldc.org, Email - nerldc@posoco.in, CIN : U40105DL2009GOI188682

संदर्भ/Ref: NERLDC/SL/AP Telemetry/Dec'19/1634.

दिनांक/Date: 23rd December 2019

सेवा में/To,

Executive Engineer,
SLDC Itanagar, DoP
132 kV Chimpu Substation
Itanagar, Arunachal Pradesh – 791111

विषय/Subject: Telemetry status (real-time data) of stations under control area of Department of Power, Arunachal Pradesh in North Eastern region – reg.

महोदय/Sir,

This is in reference to the discussions held in various forums such as NETeST meetings, Operations Coordination Committee (OCC) meetings, Technical Coordination Committee (TCC) meetings, etc. regarding the low/non-availability of real-time data from the stations under the control area of Department of Power, Arunachal Pradesh. The telemetry status of the stations is listed in *attached Annexure-1*.

In any of the above-mentioned forums, DoP-Arunachal Pradesh has neither furnished any action-plan for making improvement in the real-time data availability nor any improvement has been observed over the past several months, only two (02) nos. of stations are reporting out of ten (10) nos. of stations, in the AP-SLDC.

The availability of real-time data of the stations is of utmost importance as these stations are grid-connected and any switching operation, fault, line flows variation, etc. needs to be closely monitored by the corresponding State Load Despatch Centre (SLDC) as well as NERLDC (at regional level) and NLDC (at national level). It will help in ensuring reliability and security of grid operation in the North Eastern Region.

The status of real-time data of certain Independent Power Plants (IPPs) such as Dikshi and Tenga are also not reporting to the SLDC and NERLDC. The Dikshi generating station in NER which is an IPP has commissioned a VSAT set-up for data transfer has severe intermittency in data-transmission which has not been rectified till yet. The Tenga station is connected in the grid but its real-time data is not available in the SLDC/NERLDC for the grid operator.

In the 163rd OCC, NERLDC raised the concerns for no improvement in data availability of stations of Arunachal Pradesh, and submitted to NERPC forum that NERLDC is forced to

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23/12/19

submit the petition to CERC for the same. It is requested that the above matter of real-time data availability of all grid connected stations under control area of DoP-Arunachal Pradesh should be taken seriously and on priority in order to ensure secure and reliable grid operation. DoP, Arunachal Pradesh and SLDC Itanagar are requested to provide detailed action-plan in order to establish the communication links to improve the data availability.

यह आपकी जानकारी एवं अग्रिम कार्यवाही हेतु प्रस्तुत है/ This is for kind information and necessary action at your end.

सादर धन्यवाद/ Thanking you.

भवदीय/ Yours faithfully,

 23/12/19

एम.के.रमेश / M.K. Ramesh

महाप्रबंधक (सिस्टम लॉजिस्टिक्स)/ GM (System Logistics)

उ.पू.क्षे.भा.प्रे.के, पोसोको/ NERLDC, POSOCO

शिलांग/ Shillong

संलग्नक/Encl.: उपरोक्त/As above

प्रति/Copy (ई-मेल द्वारा/ by e-mail):

- निदेशक (सिस्टम ऑपरेशन, पोसोको)/Director (System Operation), POSOCO
- सदस्य सचिव, उत्तर पूर्वी क्षेत्रीय विद्युत समिति/Member Secretary, NERPC
- निदेशक, उत्तर पूर्वी क्षेत्रीय विद्युत समिति/Director, NERPC
- कार्यकारी निदेशक, रा.भा.प्रे.के./Executive Director, NLDC
- कार्यकारी निदेशक, उ.पू.क्षे.भा.प्रे.के./Executive Director, NERLDC

TIME 23-12-19

ANNEXURE-1: TELEMETRY STATISTICS OF ARUNACHAL PRADESH

Sl. No.	Substation	ELEMENT DESCRIPTION	ANALOG						DIGITAL						
			MW	MVAR	OLTC	KV	Hz	CB	Bus 1 Isolator	Bus 2 Isolator	Bus 3 Isolator	Bus 4 Isolator	Line Isolator	ISOLATOR	
1	Along	132 Kv Main Bus				0	0								
		132 Kv Transfer Bus				NA	NA	0	0	0	0			0	
		132 Kv Daporizo Line	0	0				0	0	0	0				0
		132 Kv Pasighat Line	0	0				0	0	0	0				
		Bus Coupler						0	0	0	0				
2	Bhatukong	132/33 KV/ICT 1	0	0		0	0	0							0
		132 Kv Main Bus				0	0								
		132 Kv Transfer Bus				NA	NA								
		132 Kv Zero Line	0	0											
		132 Kv Along Line	0	0				0	0	0	0				0
		Bus Coupler						0	0	0	0				
		132 Kv Platinum Alloy Line	0	0				0	0	0	0				
		132 Kv Main Bus				0	0								
		132 Kv Transfer Bus				NA	NA								
		132 Kv Zero Line	0	0											
3	Daporizo	132 Kv Along Line	0	0				0	0	0					0
		Bus Coupler						0	0	0	0				
		132/33 KV/ICT 1	0	0				0	0	0	0				0
		132/33 KV/ICT 2	0	0				0	0	0	0				0
		132 Kv Main Bus				0	0								
		132 Kv Transfer Bus				0	0								
		132 Kv BNC Feeder 1	0	0				0	0	0	0				
		132 Kv Khonsa Feeder 1	0	0				0	0	0	0				
		Bus Coupler						0	0	0	0				
		220/33 KV/ICT 1	0	0				0	0	0	0				
4	Deomali	220/33 KV/ICT 2	0	0				0	0	0					0
		132/132 KV/ICT 1	0	0				0	0	0	0				0
		132/132 KV/ICT 2	0	0				0	0	0	0				0
		132 Kv TENGA LINE	0	0				0	0	0	0				0
		132/11 KV/ICT 1 HV	0	0				0	0	0	0				
		132/11 KV/ICT 2 HV	0	0				0	0	0	0				
		132/11 KV/ICT 1 LV						0	0	0	0				
		132/11 KV/ICT 2 LV						0	0	0	0				
		UNIT -1	0	0				0	0	0	0				
		UNIT -2	0	0				0	0	0	0				
5	Dikshi	UNIT -1	0	0				0	0	0					
		UNIT -2	0	0				0	0	0					
		UNIT -3	0	0				0	0	0					

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23/12/19

ANNEXURE-1: TELEMETRY STATISTICS OF ARUNACHAL PRADESH

TIME		23-12-19																					
6	Itanagar	132 Kv Bus 1				NA	NA																
		132 Kv Bus 2				0	0																
		132 Kv Bus 3				NA	NA																
		132 Kv Bus 4				NA	NA																
		132 Kv Rangamadi Ckt 1	0	0			0	0												0	0		
		132 Kv Rangamadi Ckt 2	0	0			1	0												0	0		
		132 Kv Lekhi Line 1	0	0			0	0															
		132 Kv PARE Line 1	1	1			1	1															
		BUS 1 PT																					
		Bus Coupler 1																					0
7	Khupi	Bus Coupler 2																				0	
		132/33 KV ICT 1	1	1			1	1														1	
		132/33 KV ICT 2	1	1			1	1															1
		132 Kv Main Bus				0	0																
		132 Kv Transfer Bus				NA	NA																
		Bus Coupler																					
		132 Kv Balipara Line	0	0			0	0												0	0		
		132 Kv Kmeng Line	0	0			0	0												0	0		
		132 Kv Kimi Line	0	0			0	0												0	0		
		132/33 KV ICT 1	0	0			0	0															0
8	Tonga	132 KV BUS				0	0															0	
		132 kv BALIPARA LINE	0	0			0	0															0
		132 kv KHUPI LINE	0	0			0	0															0
		132 kv DIKSHI LINE	0	0			0	0															0
		132 Kv Main Bus				0	0																0
		132 Kv Transfer Bus				NA	NA																0
		132 Kv Itanagar Line	0	0			0	0															0
		132 Kv Nirgudi Line	0	0			0	0															0
		132 Kv Pare NO Line	0	0			0	0															0
		Bus Coupler	0	0			0	0															0
9	Lekhi	132/33 KV ICT 1	0	0			0	0														0	
		132/33 KV ICT 2	0	0			0	0															0
		Bus 1				0	0																
		Bus 2				NA	NA																
		Bus Coupler																					
		132 Kv Along Line	0	0			0	0															0
		132 Kv Roing Line 1	0	0			0	0															0
		132 Kv Roing Line 2	0	0			0	0															0
		132/33 KV ICT 1	0	0			0	0															0
		132/33 KV ICT 2	0	0			0	0															0
10	Pasighat	Points Reporting	3	3	0	0	0	0	4	2	0	1	1	1	0	0	23	2					
		Total no. of points	45	45	0	19	19	54	45	32	2	2	2	2	0	23	14	10					
		%age Availability																					
		Number of Analog Points reporting					6																
		Total Number of Analog Points					128																
		%age Availability of Analog Points					4.69																
		Number of Digital Points Reporting																					
		Total Number Digital Points																					
		%age Availability of Digital Points																					
		Total Number of Points reporting																					
Total Number of Points in database																							
Data Availability (in percentage)																							

Total Number of Points reporting	16
Total Number of Points in database	300
Data Availability (in percentage)	5.33

Index	1	Data Reporting
0	NA	Data not reporting
NA	NA	Not available in database but required for system operation

Anushan
23/12/19

पावर सिस्टम ऑपरेशन कॉर्पोरेशन लिमिटेड
(भारत सरकार का उद्यम)
POWER SYSTEM OPERATION CORPORATION LIMITED
(A Government of India Enterprise)



उत्तर पूर्वी क्षेत्रीय भार प्रेषण केंद्र : लोअर नंगरा, लापालांग, शिलांग-793006, (मेघालय)
North Eastern Regional Load Despatch Centre: Lower Nongrah, Lapalang, Shillong - 793006, (Meghalaya)
Ph : 0364-2537470, 2537427, Fax - 2537486 Website : www.nerldc.org, Email - nerldc@posoco.in, CIN : U40105DL2009GOI188682

संदर्भ/Ref: NERLDC/SL/COMMUNICATION/1657

दिनांक/Date : 27/12/2019

To,
Managing Director,
DEVI Energies Pvt. Ltd.
#8-2-268/1/A/1/B&C
First Floor, Tulasi Homes,
Aurora Colony, Road No.-3, Banjara hills
Hyderabad-500034

विषय/SUB: Non-availability of Telemetry data of Dikshi HEP and 132 kV TENGA S/s for regional Grid Operation.
Dear Sir,

It is to bring to your kind notice that Dikshi HEP and 132 kV Tenga S/s are connected to NER grid and first time charged on 25.08.2019. Both stations are owned operated by DEVI Energies Pvt. Ltd. and are under the control area of SLDC, Arunachal Pradesh.

However, the real time SCADA data of Dikshi HEP is consistently not available since 25th Nov-2019. As per discussion with site, the RTU engineer at Dikshi HEP has checked the data locally and found it to be in healthy condition. A high latency was observed in the communication between Dikshi HEP and SLDC, Arunachal Pradesh. The real time data of 132 kV TENGA S/s is also not available since its integration i.e. 25.08.2019 at SLDC, Arunachal Pradesh & NERLDC, Shillong. As per the undertaking taken by DEVI Energies Pvt. Ltd. Dated 24.08.2019 (attached annexure -I), **the V-SAT communication from Dikshi / Tenga to SLDC Arunachal Pradesh was claimed to be operational for data transfer to the SLDC Arunachal Pradesh by 27.08.2019.** However, the aforesaid communication of 132 kV TENGA sub-station has not been made available till date and the real time SCADA data is still not available at SLDC, Arunachal Pradesh and NERLDC, Shillong.

In view of the above mentioned pending issues, state as well as regional grid operators are not able to monitor the real time data of Dikshi HEP and 132 kV Tenga S/s which are critical stations under ownership of your company. It is requested to take necessary actions to rectify the issue on urgent basis.

This is for your information and necessary actions.

यह आपकी जानकारी और आवश्यक कार्रवाई के लिए है।

Thanking you,

Yours sincerely,

महाप्रबंधक (प्रणाली प्रचालन) / GM (System Logistics)
27/12/2019
उ.पू.क्षे.भा.प्रे.के, पोसोको/ NERLDC, POSOCO
शिलांग/ Shillong

COPY TO (by E-mail):

1. Director (MO), CC, POSOCO, New Delhi
2. Director (SO), CC, POSOCO, New Delhi
3. Member Secretary, NERPC, Shillong
4. Executive Director, NERLDC, Shillong
5. Executive Director, NLDC, New Delhi
6. Executive Engineer, SLDC, Arunachal

पंजीकृत कार्यालय : वी - 9, कुतब इंस्टिट्यूशनल एरिया, कटवारिया सराय, नई दिल्ली - 110016, दूरभाष : 011-26560121, फैक्स : 26560039
Registered Office : B-9, Qutab Institutional Area, Katwaria Sarai, New Delhi - 110016, Tel :26560121, Fax :011-26560039



DEVI Energies Pvt.Ltd.

An ISO 9001:2008 Certified Company

Annexure - I

Dt: 24.08.2019

To
The CGM
NERLDC
Shillong

Dear Sir,

We hereby undertake that the V-SAT communication from Dikshi / Tenga to SLDC Arunachal Pradesh will be through by 27.08.2019.

Till the communication is through, Dikshi HEP will neither inject nor draw any power from the Grid.

Thanking you,

Yours truly,
For Devi Energies Private Limited


AL Nagaraju
Managing Director

CC To:
The Director, NERPC, Shillong

Regd. Office: # E – 351, Rupa Village & Town, Rupa PO & PS, West Kameng Dist, Arunachal Pradesh - 790003

Corp.off:# 8-2-268/1/A/1/B&C, 1st Floor, Tulasi Homes, Aurora Colony, Road No-3, Banjara Hills,

Hyderabad- 500034. Ph. 040-23733171. www.devienergies.com

CIN No: U4019AR2007PTC008424

Sakal Deep (सकल दीप)

From: Paominlal DOUNGEL (पाओमिंलाल डौंगेल)
Sent: 16 June 2020 16:19
To: prasad gadi
Cc: M K Ramesh (एम के रमेश); Sheikh Shadrudin (शेख शद्रुद्दीन); Akhil Singhal (अखिल सिंघल); Sakal Deep (सकल दीप); MD Devi Energies; sldcitanagar@gmail.com
Subject: Non-Availibility of Telemetry data of Dikshi HEP and 132 kV Tenga S/s for regional Grid Operation.
Attachments: Undertaking Letter.pdf; Letter to Dikshi and tenga.pdf

Dear sir,

This is to inform you that voice communication of Dikshi HEP and Tenga S/s are not made available till date. The telemetry data availability percentage of Dikshi HEP and 132kV Tenga S/s from 01-Dec- 2019 to 16-June-2020 is given below:

1. Dikshi HEP : 49%

2. 132kV Tenga S/s : 19%

The real time data availability percentage of Dikshi HEP and Tenga s/s is quite less. As real time data is important for real-time smooth grid operation, It is requested to maintain the telemetry data availability at all times.

It is also requested to kindly update the status of the PLCC channel and voice communication for Dikshi HEP and 132kV Tenga S/s.

Pls the refer the trailing mail and attached file for reference.

Regards,

(पाओमिंलाल डौंगेल) / Paominlal DOUNGEL,

इंजीनियर (सिस्टम लॉजिस्टिक्स) / Engineer (System Logistics) उ.पु.क्षे.भा.प्रे.के., शिलांग/ NERLDC, Shillong पॉवर सिस्टम ऑपरेशन कॉर्पोरेशन लिमिटेड (पो.सो.को.) / POWER SYSTEM OPERATION CORPORATION LIMITED (POSO) (A Government of India Enterprise)

Contact : 8575778425

From: MD Devi Energies [md@devienergies.com]

Sent: Saturday, December 28, 2019 6:35 PM

To: Paominlal DOUNGEL (पाओमिंलाल डौंगेल)

Cc: Director MO - POSOCO (निदेशक एमओ - पोसोको); S R Narasimhan (एस. आर. नरसिम्हन); ms-nerpc@gov.in; V Suresh (वी सुरेश); Debasis De (देबासिस डे); apslc.sd@gmail.com; M K Ramesh (एम के रमेश); Akhil Singhal (अखिल सिंघल); Sakal Deep (सकल दीप)

Subject: Re: Non-Availibility of Telemetry data of Dikshi HEP and 132 kV Tenga S/s for regional Grid Operation.

Dear Sir,

We are very much thankful for your kind cooperation extended for first time charging of DISKHI HEP and 132 kV Tenga S/s.

In response to the issues cited vide letter cited under above reference, it is to submit the following:

1. Real time data of DIKSHI HEP has been reported to SLDC, promptly till recently. Of late, real time data is not being reported properly due to time delay issue and the same is being coordinated with NELCO HELP Desk & RTU technical team and it will be resolved in 7 – 10 days.

2. Real time data of Tenga Switching Station issue too will be resolved within 7 – 10 days.

Due to prevailing disturbances and agitation in Guwahati and parts of Assam and other reasons, it took more time than expected to resolve the above issues.

It is to assure your good selves that both the above issues will be resolved properly in 7 – 10 days and the same will be updated to you.-- Regards Nagarrajju Managing Director Devi Energies Rd No: 3, Banjara Hills Hyderabad Ph: 040- 23733171

On Fri, Dec 27, 2019 at 4:51 PM Paominlal DOUNGEL (पाओमिलाल डौंगेल)
<paominlal@posoco.in<mailto:paominlal@posoco.in>> wrote:
Respected Sir,

In view of the subject quoted above, kindly find the attached file for the same.

The hard copy of the same will be sent via post.

This is for your information and necessary actions.

Regards,

Paominlal DOUNGEL,
Engineer (System Logistics)
उ.पु.क्षे.भा.प्रे.के., शिलांग/ NERLDC, Shillong POWER SYSTEM OPERATION CORPORATION LIMITED (A Government of India Enterprise)

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