



भारत सरकार Government of India
विद्युत मंत्रालय Ministry of Power
उत्तर पूर्वी क्षेत्रीय विद्युत समिति
North Eastern Regional Power Committee
एन ई आर पी सी कॉम्प्लेक्स, डोंग पारमाओ, लापालाङ, शिल्लोंग-७९३००६, मेघालय
NERPC Complex, Dong Parmaw, Lapalang, Shillong - 793006, Meghalaya
Ph. No: 0364 – 2534039 Fax No: 0364 - 2534040
Website: www.nerpc.nic.in

No. NERPC/COM/REA/2019/4397-4442

02nd Sept, 2019

To

1. CMD, TSECL, Bidyut Bhawan, Agartala – 799 001
2. Director (Distribution), MePDCL, Lumjingshai, S.R. Road, Shillong – 793 001
3. Engineer-in-Chief (P&E), P&E Dept., Govt. of Mizoram, Aizawl – 796 001
4. Chief General Manager (Comml), APDCL, Bijulee Bhawan, Paltan Bazar, Guwahati – 781 001
5. Chief Engineer (E Zone), Dept. of Power, Govt. of Arunachal Pradesh, Itanagar – 791 111
6. Managing Director, MSPDCL, Keishampat, Imphal-795 001.
7. Chief Engineer (Power), Dept. of Power, Govt. of Nagaland, Kohima – 797 001
8. Chief Engineer, Loktak HE Project, Vidyut Vihar, Komkeirap, Manipur – 795 124
9. Executive Director (Comml.), NEEPCO Ltd., Lower New Colony, Shillong – 793 003
10. Executive Director, NERTS, POWERGRID, Lapalang, Shillong – 793 006
11. Managing Director, OTPC, 6th Floor, IFCI Tower, 61 Nehru Place, New Delhi – 110 019
12. GM (Comml.), NTPC, 3rd Floor OLIC building, Plot No.N.17/2, Nayapalli, Bhubaneswar-12

Sub: Compensation Accounts for degradation of SHR, AEC and SFOC

Sir,

A copy of Compensation Account Statements for degradation of SHR, AEC and SFOC for the following periods is enclosed herewith for necessary action.

Sr. No.	Period	Annexure
1.	01.08.17 to 31.03.18	Annexure – I
2.	01.04.18 to 31.03.19	Annexure – II
3.	01.04.19 to 31.07.19	Annexure - III

The account is also available in NERPC website www.nerpc.nic.in.

Enclosed: as above

Yours faithfully,

(B. Lyngkhai)
Director (Commercial)

Copy forwarded to:

1. CE (G. M.), CEA, SewaBhawan, R.K.Puram, New Delhi – 110 066.
2. G. M., NERLDC, Lower Nongrah, Dongtieh, Lapalang, Shillong - 6.
3. C.G.M (SLDC) AEGCL, Kahelipara, Guwahati.
4. Gen. Manager (Comml.), NHPC Ltd., NHPC Office complex, Sector –33, Faridabad-121003.
5. G.M (Commercial) APDCL, Bijulee Bhawan, Paltan Bazar, Guwahati - 781 001.
6. General Manager, Ranganadi HEP, NEEPCO, Yazlee, Ar. Pradesh
7. Project Manager, Doyang HEP, NEEPCO, Nagaland
8. Project Manager, AGBPP, NEEPCO Ltd., No. –III, Vill. Bokuloni, Dibrugarh, Assam.
9. Project Manager, AGTPP, NEEPCO Ltd., Ramchandranagar, Agartala, Tripura West- 799008.
10. Dy. G. M (Elect.), Kopili HEP, NEEPCO Ltd., Umrangso, N.C. Hills, Assam.
11. Supdt. Engr. (System Management) MeECL, Lumjingshai, Short Round Road, Shillong.
12. Supdt. Engr. (Commercial) Deptt. of Electricity, Govt.of Manipur, Keisampet, Imphal. 795001
13. Executive Engineer, MSLDC, P & E Dept., Chaltlang, Aizawl- 796012.
14. Supdt. Engr. Dimapur Sub-station Deptt. of Power, Govt.of Nagaland, Dimapur.
15. Dy. G. M. (Commercial) NERTS, Lower Nongrah, Dongtieh, Lapalang, Shillong - 6.
16. Dy. General Manager (ER), POWERGRID, Boring Road, Alankar Place, Patna - 800 001
17. DGM (Comml), OTPC, 6th Floor, IFCI Tower, 61 Nehru Place, New Delhi – 110 019
18. DGM (Comml.), NTPC, 3rd Floor OLIC building, Plot No.N.17/2, Nayapalli, Bhubaneshwar-12
19. AGM (Comml.), NTPC, Bongaigaon Thermal Power Project, P.O Salakati, Kokrajhar-783369
20. Addl. General Manager,Comml & Sys.Opn., TSECL,Banamalipur,Agartala.-799001.
21. Ex. Engr., SLDC, Deptt. of Power, Itanagar, Ar. Pradesh – 791 111
22. CEO, NVVNLtd., 7th Floor, Scope Complex, Lodhi Road, N.Delhi- 110 003
23. Power Trading Corpn. of India Ltd., 2nd Floor, NBCC Tower, 15-Bhikaji Cama Place, New Delhi – 66.
24. DGM (Power Trading),Adani Exports Ltd,13 Palam Marg ,Vasant Vihar, New Delhi- 110057.
25. ED,TPTCL,Block 'A',34,Sant Tukaram Road,Carnac Bunder,Mumbai-400 009.
26. Member Secretary, NRPC,18-A,Shaheed Jeet Singh Marg,Katwaria Sarai, NewDelhi-110016.
27. Member Secretary, ERPC,14, Golf Club Road, Kolkata- 700 033.
28. Member Secretary, WRPC, Plot No F-3,MIDC Area, Opp Seepz,Marol,Andheri (E), Mumbai-400 093.
29. Member Secretary, SRPC, 29, Race Course Road, Bangalore- 560009.
30. Lanco Electric Utility Limited, LANCO House,141, Avenue,8, Banjara Hills, Hyderabad-500 034
31. Reliance Energy Trading Ltd., Reliance Energy Centre, Santa Cruz (E), Mumbai-400 055
32. Vice President, Indian Energy Exchange Limited, 10th Floor, B Wing, Statesman House, Barakhamba Road, Connought Place, New Delhi - 110 001.
33. LANCO Electric Utility Ltd, Plot No 229, Udyog Vihar, Phase-1, Gurgaon, Haryana – 122 016.
34. RPTCL, Agrawal House, 2, St. George's Gate Road, 6th Floor, Kolkata – 700 022.

Yours faithfully,



(B. Lyngkhoi)
Director Commercial

NORTH EASTERN REGIONAL POWER COMMITTEE (NERPC)
COMPENSATION ACCOUNTS FOR DEGRADATION OF SHR, AEC AND SFOC
PERIOD: 01.08.2017 TO 31.03.2018

NAME OF THE STATION: NTPC BGTTPP			
A. KEY PARAMETERS			
		UNIT I	UNIT II
1	Installed capacity/MCR	250	250
1a	Effective Capacity (excluding capacity for reg. power)	250	250
2	Cum. Planned outage/Tripped(Hrs)		
3	On bar AVAILABLE IN hrs	5146.32	3326.38
4	Normative SHR or Net SHR as the case may be	2361.82	
5	Normative SFC	0.50	
6 (a)	CVSF for MAR'18		
6 (b)	CVSF till MAR'18	9420.00	
7 (a)	LPPF for MAR'18		
7 (b)	LPPF till MAR'18	5416.09	
8 (a)	LPSFi for MAR'18		
8 (b)	LPSFi till MAR'18	43523.55	
9	Normative LC	--	
10	LPL	--	
11	Normative Aux. Cons	9.00	
12	Actual GHR/SHR	2482.43	
13	Actual SFC		
14	Actual LC	--	
15	Actual Aux. Cons	8.01	
16	RSD start /stop in the month	--	
17	RSD start/stop cumulative		
18	Total no. of Start /stop during year		
19 (a)	CVPF for MAR'18		
19 (b)	CVPF till MAR'18	4732.38	

B. CALCULATION OF COMPENSATION		
ECR(N) AND ECR(SE)		
1	Normative ECR (Rs/kWh)or ECR(N)	2.988
2	actual generation	1493476.460
3	Schedule generation	1375501.498
4	Effective Generation of Station(MWH)	1493476.460
5	Effective Capacity(MWH)	2118175.000
6	AUL(%)	77.481
7	Increase in SHR(%)	2.250
8	Degradation in AEC(%)	0.350
9	Degraded GHR (kCal/kWh)	2414.961
10	SFC (ml/kWh)	0.500
11	ECR(SE) (Rs/kWh)	3.067

NORTH EASTERN REGIONAL POWER COMMITTEE (NERPC)
COMPENSATION ACCOUNTS FOR DEGRADATION OF SHR, AEC AND SFOC
PERIOD: 01.08.2017 TO 31.03.2018

CALCULATING ECR(DC)		
1	Average DC(MW)	323.272
2	AUL for Avg DC(%)	97.810
3	Increase in SHR(%)	0.000
4	Degradation in AEC(%)	0.000
5	Degraded GHR (kCal/kWh)	2361.820
6	Degraded AEC (%)	2.988
7	SFC (ml/kWh)	0.500
8	ECR(DC) (Rs/kWh)	2.988

COMP(P)		
1	ECR(Comp)	0.079
2	Comp(P)	108664618.377

ECR(A)		
1	ECR(A) (Rs/kWh)	3.106

COMP(F)		
1	EC(A)	4272307654.163
2	EC(N)	4109998477.347
3	EC(A)-EC(N)	162309176.816
4	Comp(F)	108664618.377
5	Comp(F) upto MAR 18	108664618.377

C. COMPENSATION PAYABLE BY BENEFICIARIES

Stations	Entitlement (in MWH) UPTO MAR18	85% Entitlement	Requisition(MWH) UPTO MAR 18	UE(k)	FCB(k) UPTO MAR 18
Ar. Pradesh	96764.188	82249.560	92061.864	0.000	0.000
Assam	1082552.301	920169.456	971383.651	0.000	0.000
Manipur	141493.470	120269.449	27973.514	92295.935	33180186.547
Meghalaya	214531.129	182351.460	0.000	182351.460	65554950.680
Mizoram	102090.225	86776.691	100995.191	0.000	0.000
Nagaland	92946.410	79004.448	67094.833	11909.615	4281480.537
Tripura	143614.458	122072.289	109236.439	12835.850	4614459.915
HVDC	11330.532	9630.952	6755.995	2874.957	1033540.697
Total	1885322.712	1602524.305	1375501.498	302267.816	108664618.377

NORTH EASTERN REGIONAL POWER COMMITTEE (NERPC)
COMPENSATION ACCOUNTS FOR DEGRADATION OF SHR, AEC AND SFC
PERIOD: 01.04.18 to 31.03.19

NAME OF THE STATION: NTPC BGTPP				
A. KEY PARAMETERS				
		UNIT I	UNIT II	UNIT III
1	Installed capacity/MCR	250	250	250
1a	Effective Capacity\	250	250	250
2	Cum. Planned outage/Tripped(Hrs)			
3	On bar AVAILABLE IN hrs	7548.92		15.23
4	Normative SHR or Net SHR as the case may be	2361.82		
5	Normative SFC	0.50		
6 (a)	CVSF for MAR'19			
6 (b)	CVSF till MAR'19			
7 (a)	LPPF for MAR'19			
7 (b)	LPPF till MAR'19	5416.09		
8 (a)	LPSFi for MAR'19			
8 (b)	LPSFi till MAR'19	43523.55		
9	Normative LC	--		
10	LPL	--		
11	Normative Aux. Cons	9.00		
12	Actual GHR/SHR	2453.14		
13	Actual SFC			
14	Actual LC	--		
15	Actual Aux. Cons	9.04		
16	RSD start /stop in the month	--		
17	RSD start/stop cumulative			
18	Total no. of Start /stop during year			
19 (a)	CVPF for MAR'19			
19 (b)	CVPF till MAR'19	4532.89		

B. CALCULATION OF COMPENSATION		
ECR(N) AND ECR(SE)		
1	Normative ECR (Rs/kWh)or ECR(N)	3.02
2	actual generation	2578020.75
3	Schedule generation	2287953.54
4	Effective Generation of Station(MWH)	2578020.75
5	Effective Capacity(MWH)*	3778268.33
6	AUL(%)	74.98
7	Increase in SHR(%)	4.00
8	Degradation in AEC(%)	0.65
9	Degraded GHR (kCal/kWh)	2456.29
10	SFC (ml/kWh)	0.50
11	ECR(SE) (Rs/kWh)	3.17

NORTH EASTERN REGIONAL POWER COMMITTEE (NERPC)
COMPENSATION ACCOUNTS FOR DEGRADATION OF SHR, AEC AND SFOC
PERIOD: 01.04.18 to 31.03.19

CALCULATING ECR(DC)		
1	Average DC(MW)	436.26
2	AUL for Avg DC(%)	111.15
3	Increase in SHR(%)	0.00
4	Degradation in AEC(%)	0.00
5	Degraded GHR (kCal/kWh)	2361.82
6	Degraded AEC (%)	3.02
7	SFC (ml/kWh)	0.50
8	ECR(DC) (Rs/kWh)	3.02

COMP(P)		
1	ECR(Comp)	0.14
2	Comp(P)	327177356.36

ECR(A)		
1	ECR(A) (Rs/kWh)	3.14

COMP(F)		
1	EC(A)	7186462072.28
2	EC(N)	6918771507.98
3	EC(A)-EC(N)	267690564.30
4	Comp(F)	267690564.30
5	Comp(F) upto MAR 19	267690564.30

C. COMPENSATION PAYABLE BY BENEFICIARIES

Stations	Entitlement (in MWH) UPTO MAR19	85% Entitlement	Requisition(MWH) UPTO MAR 19	UE(k)	FCB(k) UPTO MAR 19
Ar. Pradesh	178490.993	151717.344	136246.402	15470.942	6199190.64
Assam	1996873.419	1697342.406	1573826.553	123515.854	49492676.74
Manipur	260998.520	221848.742	103249.184	118599.558	47522721.89
Meghalaya	399332.761	339432.847	0.000	339432.847	136010395.83
Mizoram	188315.388	160068.080	153409.037	6659.043	2668271.55
Nagaland	171448.728	145731.419	109041.926	36689.493	14701442.46
Tripura	264910.889	225174.256	202243.364	22930.892	9188385.18
HVDC	17291.125	14697.456	9937.075	4760.381	1907480.00
Total	3477661.824	2956012.550	2287953.540	668059.010	267690564.30

NORTH EASTERN REGIONAL POWER COMMITTEE (NERPC)
COMPENSATION ACCOUNTS FOR DEGRADATION OF SHR, AEC AND SFOC
PERIOD: 01.04.19 to 31.07.19

NAME OF THE STATION: NTPC BGTPP				
A. KEY PARAMETERS				
		UNIT I	UNIT II	UNIT III
1	Installed capacity/MCR	250	250	250
1a	Effective Capacity\	250	250	250
2	Cum. Planned outage/Tripped(Hrs)			
3	On bar AVAILABLE IN hrs		2654.57	
4	Normative SHR or Net SHR as the case may be		2373.12	
5	Normative SFC		0.50	
6 (a)	CVSF for JULY'19			
6 (b)	CVSF till JULY'19		4399.39	
7 (a)	LPPF for JULY'19			
7 (b)	LPPF till JULY'19		5161.42	
8 (a)	LPSFi for JULY'19			
8 (b)	LPSFi till JULY'19		49355.22	
9	Normative LC		--	
10	LPL		--	
11	Normative Aux. Cons		9.00	
12	Actual GHR/SHR		2488.95	
13	Actual SFC			
14	Actual LC		--	
15	Actual Aux. Cons		9.15	
16	RSD start /stop in the month		--	
17	RSD start/stop cumulative			
18	Total no. of Start /stop during year			
19 (a)	CVPF for JULY'19			
19 (b)	CVPF till JULY'19		4314.39	

B. CALCULATION OF COMPENSATION		
ECR(N) AND ECR(SE)		
1	Normative ECR (Rs/kWh)or ECR(N)	3.13
2	actual generation	1262228.73
3	Schedule generation	1168544.70
4	Effective Generation of Station(MWH)	1262228.73
5	Effective Capacity(MWH)*	1990927.50
6	AUL(%)	69.67
7	Increase in SHR(%)	4.00
8	Degradation in AEC(%)	0.65
9	Degraded GHR (kCal/kWh)	2456.29
10	SFC (ml/kWh)	0.50
11	ECR(SE) (Rs/kWh)	3.28



NORTH EASTERN REGIONAL POWER COMMITTEE (NERPC)
COMPENSATION ACCOUNTS FOR DEGRADATION OF SHR, AEC AND SFOC
PERIOD: 01.04.19 to 31.07.19

CALCULATING ECR(DC)		
1	Average DC(MW)	636.84
2	AUL for Avg DC(%)	102.92
3	Increase in SHR(%)	0.00
4	Degradation in AEC(%)	0.00
5	Degraded GHR (kCal/kWh)	2361.82
6	Degraded AEC (%)	3.13
7	SFC (ml/kWh)	0.50
8	ECR(DC) (Rs/kWh)	3.13

COMP(P)		
1	ECR(Comp)	0.15
2	Comp(P)	172944615.64

ECR(A)		
1	ECR(A) (Rs/kWh)	3.30

COMP(F)		
1	EC(A)	3858534600.28
2	EC(N)	3656376367.14
3	EC(A)-EC(N)	202158233.15
4	Comp(F)	172944615.64
5	Comp(F) upto JULY 19	172944615.64

C. COMPENSATION PAYABLE BY BENEFICIARIES

Stations	Entitlement (in MWH) UPTO JULY19	85% Entitlement	Requisition(MWH) UPTO JULY 19	UE(k)	FCB(k) UPTO JULY 19
Ar. Pradesh	95704.173	81348.547	74109.938	7238.609	3396674.30
Assam	1070693.351	910089.348	849836.634	60252.714	28273226.74
Manipur	139943.462	118951.943	70440.665	48511.278	22763627.82
Meghalaya	217171.928	184596.139	0.000	184596.139	86620636.90
Mizoram	100971.865	85826.085	61431.477	24394.609	11447024.49
Nagaland	91928.217	78138.984	64366.230	13772.755	6462782.88
Tripura	142041.216	120735.033	93246.014	27489.019	12899058.12
HVDC	6153.410	5230.399	2925.448	2304.951	1081584.39
Total	1864669.716	1584969.259	1216356.405	368560.074	172944615.64