



Government of India
Ministry of Power
North Eastern Regional Power Committee
Lapalang, Shillong 793006

No. NERPC/COM/REA/COMP/2022-23/1444-1482

Dt: 29th May, 2023

सेवा में / To,

संलग्न सूची के अनुसार
As per list enclosed.

**Sub: Compensation Accounts for degradation of SHR, AEC and SFOC for NTPC BGTPP
from 01.04.22 to 31.03.2023**

सर/मैडम,
Sir/Madam.

A copy of Compensation Account Statements for degradation of SHR, AEC and SFOC for NTPC BGTPP up to March 2023, i.e. for the period 01.04.2022 to 31.03.2023, is enclosed herewith for necessary action.

The account is also available on NERPC website <https://www.nerpc.gov.in>.

Enclosed - As above.

भवदीय / Yours faithfully,

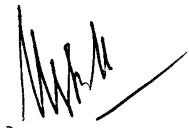
(एस. एम. आइमोल/ S. M. Aimol)

निदेशक / Director

अधीक्षण अभियंता/ Superintending Engineer

List of Addressees:

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 (Comm), Dept. of Power, Govt. of Arunachal Pradesh, Itanagar – 791 111
6. Managing Director, MSPDCL, Keishampat, Imphal-795 001.
7. E-in-C, 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, Core 4 & Central, 10th Floor, SCOPE Minar, Laxmi Nagar, Delhi – 110092
12. GM (Comml.), NTPC, 3rd Floor OLIC building, Plot No.N.17/2, Nayapalli, Bhubaneswar-12
13. CE (G. M.), CEA, SewaBhawan, R.K.Puram, New Delhi – 110 066.
14. G. M., NERLDC, Lower Nongrah, Dongtieh, Lapalang, Shillong - 6.
15. C.G.M (SLDC) AEGCL, Kahelipara, Guwahati.
16. Gen. Manager (Comml.), NHPC Ltd., NHPC Office complex, Sector –33, Faridabad-121003.
17. G.M (Commercial) APDCL, Bijulee Bhawan, Paltan Bazar, Guwahati - 781 001.
18. General Manager, Ranganadi HEP, NEEPCO, Yazlee, Ar. Pradesh
19. Project Manager, Doyang HEP, NEEPCO, Nagaland
20. Project Manager, AGBPP, NEEPCO Ltd., No. –III, Vill. Bokuloni, Dibrugarh, Assam.
21. Project Manager, AGTPP, NEEPCO Ltd., Ramchandranagar, Agartala, Tripura West- 799008.
22. Dy. G. M (Elect.), Kopili HEP, NEEPCO Ltd., Umrangso, N.C. Hills, Assam.
23. Supdt. Engr. (System Management) MeECL, Lumjingshai, Short Round Road, Shillong.
24. Supdt. Engr. (Commercial) Deptt. of Electricity, Govt.of Manipur, Keisampet, Imphal. 795001
25. Executive Engineer, MSLDC, P & E Dept., Chaltlang, Aizawl- 796012.
26. Supdt. Engr. Dimapur Sub-station Deptt. of Power, Govt.of Nagaland, Dimapur.
27. Dy. G. M. (Commercial) NERTS, Lower Nongrah, Dongtieh, Lapalang, Shillong - 6.
28. Dy. General Manager (ER), POWERGRID, Boring Road, Alankar Place, Patna - 800 001
29. DGM (Comml), OTPC, Core 4 & Central, 10th Floor, SCOPE Minar, Laxmi Nagar, Delhi – 110092
30. DGM (Comml.), NTPC, 3rd Floor OLIC building, Plot No.N.17/2, Nayapalli, Bhubaneswar-12
31. AGM (Comml.), NTPC, Bongaigaon Thermal Power Project, P.O Salakati, Kokrajhar-783369
32. Addl. General Manager,Comml & Sys.Opn., TSECL,Banamalipur,Agartala.-799001.
33. Ex. Engr., SLDC, Deptt. of Power, Itanagar, Ar. Pradesh – 791 111
34. CEO, NVVN Ltd., 7th Floor, Scope Complex, Lodhi Road, N.Delhi- 110 003
35. Power Trading Corpn. of India Ltd., 2nd Floor, NBCC Tower, 15-Bhikaji Cama Place, New Delhi – 66.
36. Member Secretary, NRPC,18-A,Shaheed Jeet Singh Marg,Katwaria Sarai, NewDelhi-110016.
37. Member Secretary, ERPC,14, Golf Club Road, Kolkata- 700 033.
38. Member Secretary, WRPC, Plot No F-3,MIDC Area, Opp Seepz,Marol,Andheri (E), Mumbai-400 093.
39. Member Secretary, SRPC, 29, Race Course Road, Bangalore- 560009.



(एस. एम. आइमोल/ S. M. Aimol)

निदेशक / Director

अधीक्षण अभियंता/ Superintending Engineer

A. KEY PARAMETERS for NTPC BGTPP												
	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23
Installed capacity/MCR	750	750	750	750	750	750	750	750	750	750	750	750
Cum. Planned outage/Tripped(Hrs)												
On bar hrs Cum.	698.74	1431.19	2147.99	2880.31	3605.41	4323.88	5027.31	5511.66	6074.53	6791.11	7430.69	7934.39
Normative SHR or Net SHR as the case may be	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12
MAR	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
CVSF												
CVSF Cum.	9495	9490.18	9485.42	9483.59	9489.74	9495.2	9493.91	9486.24	9474.72	9469.54	9468.49	9470.5
LPPF												
LPPF Cum.	5295.63	5325.37	5306.82	5562.46	5824.96	6021.78	6122.57	6153.02	6115.37	6072.29	6018.56	5926.28
LPSFi												
LPSFi Cum.	0.0687372	0.068983	0.071093	0.073827	0.076084	0.077558	0.078496	0.079269	0.079955	0.08056	0.081129	0.081261
Normative LC	--	--	--	--	--	--	--	--	--	--	--	--
LPL	--	--	--	--	--	--	--	--	--	--	--	--
Normative Aux. Cons	9	9	9	9	9	9	9	9	9	9	9	9
Actual GHR/SHR	2368.17	2383.7	2387.5	2408.2	2414.14	2426.9	2429.5	2424.78	2423.12	2412.4	2412	2410.83
Actual SFC												
Actual LC	--	--	--	--	--	--	--	--	--	--	--	--
Actual Aux. Cons	8.25	8.41	8.46	8.72	8.59	8.64	8.73	8.75	8.75	8.7	8.64	8.64
RSD start /stop in the month	--	--	--	--	--	--	--	--	--	--	--	--
RSD start/stop cumulative	0	0	0	0	0	0	0	0	0	0	0	0
Total no. of Start /stop during year												
CVPF												
CVPF Cum.	3929	3996.49	4001.12	4077.75	4125.72	4111.67	4114.91	4120.62	4116.79	4085.89	4079.61	4058.39


 (एस.एम.आइमल/S. M. Aimal)
 निदेशक/Director
 दक्षिण क्षेत्र/NERPC
 विद्युत विभाग/Min. of Power
 भारत सरकार/Govt. of India
 शिलांग/Shillong

B. COMPUTATION OF COMPENSATION for NTPC BGTPP												
Name of Station: NTPC BgTPP	Apr-22	May-22	Jun-22	Jul-22	Aug-22	Sep-22	Oct-22	Nov-22	Dec-22	Jan-23	Feb-23	Mar-23
Normative GHR (kCal/kWh)	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12
SFC (ml/kWh)	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000	0.5000
Normative ECR (Rs/kWh)or ECR(N)	3.546	3.506	3.491	3.591	3.716	3.854	3.916	3.93	3.91	3.912	3.884	3.845
CVSF (kCal/Liter)	9495.00	9490.18	9485.42	9483.59	9489.74	9495.20	9493.91	9486.24	9474.72	9469.54	9468.49	9470.50
LPPF (Rs/MT)	5295.63	5325.37	5306.82	5562.46	5824.96	6021.78	6122.57	6153.02	6115.37	6072.29	6018.56	5926.28
CVPF (kCal/Kg)	3929.00	3996.49	4001.12	4077.75	4125.72	4111.67	4114.91	4120.62	4116.79	4085.89	4079.61	4058.39
LPSF (Rs/KL)	0.07	0.07	0.07	0.07	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08
actual generation	454202	866400	1298780	1727800	2152040	2545470	2868140	3153840	3480770	3886760	4045203	4588885
Schedule generation (long term)	442683.56	871831.02	1317214.93	1764533.06	2211980.01	2633887.27	2981635.86	3263429.04	3591032.50	4008312.96	4410502.23	4718453.24
Effective Generation of Station(MWH)	454202	871831.0235	1317214.929	1764533.055	2211980.012	2633887.269	2981635.86	3263429.043	3591032.499	4008312.957	4410502.234	4718453.245
Effective Capacity(MWH)	524055	1073392.5	1610992.5	2160232.5	2704057.5	3242910	3770482.5	4133745	4555897.5	5093332.5	5573017.5	5950792.5
Normative AEC(%)	9	9	9	9	9	9	9	9	9	9	9	9
AUL(%)	95.24	89.25	89.85	89.76	89.89	89.25	86.90	86.75	86.62	86.48	86.97	87.13
NAPAF(%)	85	85	85	85	85	85	85	85	85	85	85	85
Increase in SHR(%)	0	0	0	0	0	0	0	0	0	0	0	0
Degradation in AEC(%)	0	0	0	0	0	0	0	0	0	0	0	0
Degraded GHR (kCal/kWh)	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12
Degraded AEC (%)	9	9	9	9	9	9	9	9	9	9	9	9
SFC (ml/kWh)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
ECR(SE) (Rs/kWh)	3.546	3.506	3.491	3.591	3.716	3.854	3.916	3.93	3.91	3.912	3.884	3.845
Average DC(MW)	667.5304688	675.1379355	677.5649897	678.8189677	679.5647978	680.0459785	680.4014676	655.8854056	642.0721864	646.1678145	647.7650889	633.1775956
AUL for Avg DC(%)	100.7825467	101.1890781	100.9412505	101.1074491	101.4089373	101.2102086	101.8478663	102.1042831	102.2144876	102.3845839	102.3866769	102.4267626
Increase in SHR(%)	0	0	0	0	0	0	0	0	0	0	0	0
Degradation in AEC(%)	0	0	0	0	0	0	0	0	0	0	0	0
Degraded GHR (kCal/kWh)	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12	2373.12
Degraded AEC (%)	9	9	9	9	9	9	9	9	9	9	9	9
SFC (ml/kWh)	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
ECR(DC) (Rs/kWh)	3.546	3.506	3.491	3.591	3.716	3.854	3.916	3.93	3.91	3.912	3.884	3.845
ECR(Comp)	0	0	0	0	0	0	0	0	0	0	0	0
Comp(P)	0	0	0	0	0	0	0	0	0	0	0	0
Actual GHR (kCal/kWh)	2368.17	2383.70	2387.50	2408.20	2414.14	2426.90	2429.50	2424.78	2423.12	2412.40	2412.00	2410.83
Actual AEC (%)	8.25	8.41	8.46	8.72	8.59	8.64	8.73	8.75	8.75	8.70	8.64	8.64
ECR(A) (Rs/kWh)	3.509	3.499	3.491	3.632	3.763	3.925	3.996	4.004	3.981	3.963	3.932	3.89
EC(A)	1553376609	3050536751	4598397316	6408784056	8323680783	10338007531	11914616897	13066769887	14295900378	15884944249	17342094782	18354783121
EC(N)	1569755900	3056639569	4598397316	6336438201	8219717723	10151001535	11676086028	12825276138	14040937071	15680520288	17130390675	18142452725
EC(A)-EC(N)	-16379291.69	-6102817.165	0	72345855.26	103963060.5	187005996.1	238530868.8	241493749.2	254963307.4	204423960.8	211704107.2	212330396
Comp(F)	0	0	0	0	0	0	0	0	0	0	0	0

Compensation Payable for the period April 2022 to Mar 23 is NIL.


 (एस.एम. अलमोली/S.M. Almoli)
 निदेशक/Director
 न.पु.वे.सि.स./NERPC
 विद्युत मंत्रालय/Min. of Power
 भारत सरकार/Govt. of India
 शिलांग/Shillong