



भारत सरकार
Government of India
विद्युत मंत्रालय
Ministry of Power
पूर्वी क्षेत्रीय विद्युत समिति



Eastern Regional Power Committee

14, गोल्फ क्लब रोड, टॉलीगंज, कोलकाता-700033
14 Golf Club Road, Tollygunj, Kolkata-700033

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NO: ERPC/COM-II/ABT-DC/348

Date: 13.06.2022

To: As per List / संलग्न सूची के अनुसार

Sub: Statement of Deviation Charges including Additional Deviation Charges, RRAS & AGC Settlement Account for the period from 30.05.2022 to 05.06.2022 and Dev A/c of Bhutan Power of May-2022 and Revised Dev A/c of Bhutan Power of Dec-2021 & April-2022

Sir,

Statement of Deviation charges for the week has been prepared as per CERC (DSM & Related matters) regulation,2014 & all amendments (including 5th Amendment regulation,2019 dated 28.05.2019) & Petition No. 11/SM/2020 dated 29.05.2020.

RRAS Settlement Account for the weeks has been prepared as per the guidelines of Detailed Procedure for Ancillary Services Operation approved by CERC. AGC Settlement Account for the week has been prepared based on the CERC order in petition No. 79/RC/2017, dated 06.12.2017.

The last installment of data for the subjected week has been received from ERLDC/NLDC on 10.06.2022.

The constituents, who have to pay the Deviation Charges as indicated in the statement, are requested to make the payment to the Deviation Pool account operated by ERLDC within 10 days of the billing date. In case of delayed payments for Deviation charges against these bills beyond 12 days, the defaulting constituents shall have to pay simple interest @0.04 % for each day of delay.

जिन संघ के सदस्यों को विचलन शुल्क का भुगतान करना है, उनसे अनुरोध है कि वे बिलिंग तिथि के 10 दिनों के भीतर ईआरएलडीसी द्वारा संचालित विचलन पूल खाते में भुगतान करें। इन विचलन शुल्क के बिलों के भुगतान में 12 दिनों से अधिक के विलंब की स्थिति में, व्यतिक्रामी घटकों को विलंब के प्रत्येक दिन @ 0.04% का साधारण ब्याज का भुगतान करना होगा।

In case of delay in Payments to/ Receivables from the DSM Pool by the RRAS/AGC providers beyond 12/17 days of the issuance date, the RRAS/AGC providers shall pay to/receive from the DSM Pool Account simple interest @0.04 % for each day of delay.

आरआरएएस/एजीसी प्रदाताओं द्वारा डीआरएम पूल से भुगतान / प्राप्ति में देरी की स्थिति में, जारी करने की तारीख से 12 से 17 दिनों के बाद, आरआरएएस/एजीसी प्रदाता विलंब के प्रत्येक दिन के लिए डीएसएम पूल खाता @ 0.04% का साधारण ब्याज भुगतान / प्राप्त करेंगे।

Observations, if any, may be intimated to ERPC Secretariat within a fortnight.

यदि कोई अवलोकन हो, पंद्रह दिनों के भीतर ईआरपीसी सचिवालय को सूचित किया जा सकता है।

This issues with the approval of Member Secretary.

Encl: As above

भवदीय / Yours faithfully,

(S. KEJRIWAL)
SUPERINTENDING ENGINEER

List of Addressee

1. CE (Trans/O&M), BSPTCL, Vidyut Bhavan, Bailey Road, Patna-21. (Fax 0612-2504557)
2. ESE (Interstate), BSPHCL, Vidyut Bhavan, 3rd Floor, Bailey Road, Patna-800 021. (Fax 0612-2504557)
3. CE (Comml & Revenue), JBVNL, Engineering Building, H.E.C. Township, Dhurva, Ranchi-834004, Jharkhand. (Fax : 0651-2490486 / 2400799)
4. GM-cum-CE (Trans), JUSNL, Kusai Colony, Duranda, Ranchi, Jharkhand (Fax:0651-2490486)
5. CE (Comml), DVC, DVC Towers, VIP Road, Kolkata-700 054. (Fax: 033-23552129)
6. CE (SLDC), DVC, P.O.: Danesh Sheikh Lane, Andul Road, Howrah - 71110 9. FAX-033-2688-5094
7. Sr. GM(PP), GRIDCO, 4th floor, Vidyut Bhawan, Janpath, Bhubaneswar-22. (Fax : 0674-2547180/2547261).
8. Sr. GM (PS), OPTCL, SLDC Bldg, PO Mancheswar Rly Colony, Bhubaneswar-17, (Fax: 0674-2748509)
9. Sr. General Manager(Finance), OPGC, Odisha (Fax: 06645 222225)
10. CE (Trans.), Energy & Power Deptt., Govt. of Sikkim, Gangtok.-737 101 (Fax: 03592-201148 / 202927)
11. CE (SLDC), WBSETCL, PO. Danesh Sheikh Lane, Howrah-109. (Fax: 033-26886232)
12. Chief (Finance), NHPC Ltd, Sector-33, Faridabad-121003 (Fax: 0129-2254668)
13. ED (Comml), NHPC Ltd, Sector-33, Faridabad-121003 (Fax No. 0129-2254668)
14. AGM (Comml), NTPC Ltd, Loknayak Jaiprakash Bhawan, 2nd floor, Dak Banglow Chowk, Fraser Road, Patna-800 001. (Fax : 0612-2230035 / 2224287 , 2211807)
15. GM (Comml), NTPC Ltd, 7 Institutional Area, Lodhi Road, New Delhi-3 (Fax: 011-24360318 / 24368417)
16. AGH (Comml), Maithon Power Ltd, MA-5, Gonga, PO: Maithon Dam-828207 (Fax: 06540-276606, 08860004758)
17. DGM (Electrical), APNRL, P.O. kandra, Behind 400kV PGCIL S/s, Tata-Kandra road, Dist: Saraikela, Kharsanwa (Jharkhand) – 832 105 (FAX: 0657 – 6628440)
18. AGM(Comml.), ER-I, Powergrid, Patna (Fax: 0612 2227630)
19. AGM(Comml.), ER-II, Powergrid, Kolkata (Fax NO. 033 2357 2827)
20. AGM(E&M), GATI Infrastructure Ltd., Sundung, Rongli, East Sikkim, Sikkim-737131(Fax: 08066885455)
21. ED, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata-33 (Fax: 033-24235809)
22. ED, NRLDC, 18A, Shaheed JSS Marg, Katwaria Sarai, New Delhi-110 016. (Fax:011-26852747)
23. GM, SRLDC, 29 Race Course Road, Bangalore-560009 (Fax : 080-22268725).
24. GM, WRLDC, MIDC Area, Marol, Andheri (E), Mumbai-490093 (Fax: 022-28235434)
25. GM, NERLDC, Dongtieh, Lower Nongrah, Laplang, Shillong-793006 (Fax:0364-2537470)
26. GM(Electrical), Ind Barath Energy Utkal Ltd., Vill: Sahajbahal P.O: Charpali-Barpali, Dist: Jharsuguda – 768211 (Fax: 0674-2532174)
27. GM(Power Sales), GMRKEL, Plot no 29, Satya Nagar, Bhubaneswar- 751 007(Fax: 0674- 2572794)
28. Head(Power Sales), JITPL, Local shopping centre, Sector-B1, Vasant kunj, New Delhi- 110 070
29. AGM, SO, NVVN, SCOPE Complex, Core-5, 1st & 2nd Floor, Lodhi Road, New Delhi-110003 (Fax: 011-24367021)
30. Head(Commercial), TPTCL, Tata Power Co Ltd, B12 & 13, 2nd Floor, Shatabdi Bhawan, Sector 4, NOIDA – 201 301 (Fax: 0120-2540085/0050)
31. ED, DANS Energy Pvt Ltd, 5th Floor, Building no.8, Tower-C, DLF Cyber City, Phase-II, GURGAON – 122 002
32. GM, Teesta Urja Limited, 2nd Floor, Vijaya Building. 17, Barakhamba Road. New Delhi – 110001 (Ph. 9810519283; 011- 46529600/46529700)
33. AGM, BRBCL, Nabinagar, Aurangabad BIHAR (Fax : 06332 233002)
34. Director, Shiga Energy Pvt. Ltd., 5th Floor, DLF Building No. 8, Tower-C, DLF Cyber City, Phase-II, Gurgaon – 122002
35. CEO, Sneha Kinetic Power Projects Pvt.Ltd. #31 -A, National Highway, Behind SNOD building., Deorali, Gangtok, Sikkim-737102
36. ED(Commercial), PTC india Limited, 2nd Floor NBCC Tower, Bikaji Cama Palace, New Delhi-110066

EASTERN REGIONAL POWER COMMITTEE, KOLKATA
ABT based Deviation Charge Account
From 30-05-2022 to 05-06-2022
AS PER 5TH AMENDMENT OF DSM, 2019 W.E.F. 03/06/2019 & 01/12/2020

UTILITIES AND DEVIATION CHARGES PAYABLE BY THEM	DEVIATION CHARGE (in Rs. Lakhs)		ADDITIONAL DEVIATION CHARGE DUE TO BLOCKWISE VIOLATION OF VOLUME LIMIT (in Rs. Lakhs.)	ADDITIONAL DEVIATION CHARGE DUE TO VIOLATION OF SIGN CHANGE (in Rs. Lakhs.)	FINAL DEVIATION CHARGE (in Rs. Lakhs)	
	Receivable	Payable			Receivable	Payable
BENEFICIARIES OF EASTERN REGION						
BSPHCL		202.61527	88.75651	39.33504		330.70682
JUVNL		766.85856	110.76283	413.25742		1290.87881
DVC	146.47400		59.44696	6.57235	80.45469	
GRIDCO		1325.20403	459.69677	369.49945		2154.40025
SIKKIM	12.79944		2.26750	0.00000	10.53194	
WBSETCL		663.98208	138.23341	63.10591		865.32140
HVDC SASARAM		0.96747	0.06504	0.00000		1.03251
HVDC ALIPURDUAR	1.17141		0.02792	0.00000	1.14349	
CERC REGULATED GENERATORS (CGS/ISGS)						
BARH-I		30.65529	22.99567	0.08465		53.73561
FSTPP - I & II		14.76096	0.26493	0.40561		15.43150
FSTPP-III		52.28572	5.67456	1.34160		59.30188
KHSTPP-I		134.26285	10.15608	16.04675		160.46568
KHSTPP-II		5.07023	2.34197	0.40772		7.81992
TSTPP	6.05733		0.67130	0.07651	5.30952	
BARH-II	2.80077		0.38222	0.00000	2.41855	
MTPS-II		2.49843	0.35405	0.00000		2.85248
BRBCL		19.43246	2.50029	0.78214		22.71489
TEESTA	46.66931		1.26507	0.00000	45.40424	
RANGIT	8.47103		0.06193	0.00000	8.40910	
MPL	4.89593		1.56971	0.00000	3.32622	
NPGC	8.22845		0.29120	0.14715	7.79010	
DARLIPALI	7.29762		1.35717	0.17696	5.76349	
OTHER GENERATORS						
APNRL	17.78716		0.19775	0.00000	17.58941	
GMRKEL		13.24504	0.47711	0.00000		13.72215
JITPL		11.68988	0.94166	0.00000		12.63154
CHUZACHEN	9.06059		0.10632	0.00000	8.95427	
DIKCHU	6.60452		0.17413	0.00000	6.43039	
JORETHANG HEP		21.28630	1.29348	0.00000		22.57978
THEP		12.08922	0.46119	0.00000		12.55041
TUL	29.31028		0.02013	0.00000	29.29015	
RONGNICHU HEP	26.13447		2.31106	0.28568	23.53773	
INTER-REGIONAL						
NER		4699.33568				4699.33568
NR		1079.75610				1079.75610
SR		20588.12850				20588.12850
WR	28127.05409				28127.05409	
INTER-NATIONAL						
NVVN-BD	27.72028		0.29035	0.00000	27.42993	
NVVN-NEPAL	225.02243		2.36234	65.40645	157.25364	
TPTCL		134.10632	18.31872			152.42504
INFIRM GENERATORS						
BARH SG1_U2_INFIRM		36.74012				36.74012
NPGC-INFIRM	133.73049				133.73049	
SOLAR GENERATORS						
TALCHER SOLAR	0.83382				0.83382	
TOTAL	28848.12342	29814.97051	936.09733	976.93139	28702.65526	31582.53107

Payable To The Pool (A) :	29814.97051
Receivable From The Pool (B) :	28848.12342
Differential Amount Arising from capping of Generating Stations(A-B) :	966.84709
Additional Deviation Amount :	1913.02872

EASTERN REGIONAL POWER COMMITTEE
KOLKATA

Settlement of Deviation of Bhutan Power from Schedule for the month of MAY'2022

Generators	SCH(MWH)	ACT(MWH)	DEV(MWH)	DEV CHARGE(Rs.)
CHUKKA HEP	55082.218	108996.371	53914.154	137481091
KURICHHU HEP	18085.900	0.000	-18085.900	-40331557
TALA HEP	163064.845	80102.726	-82962.119	-185005525
MANGDECHHU HEP	161703.500	210712.000	49008.500	201915020

CONSTITUENTS	CHUKHHA HEP		KIRUCHHI HEP		TALA HEP		MANGDECHHU HEP		Adjusted DEV Charge For CHPC, KHPC, THPC, MHEP(Rs in Lakhs)
	SHARE(%)	DEV CHARGES (Rs in lakhs)	SHARE(%)	DEV CHARGES (Rs in lakhs)	SHARE(%)	DEV CHARGES (Rs in Lakhs)	SHARE(%)	DEV CHARGES (Rs in Lakhs)	
BSPHCL	29.63	407.35647	0	0.00000	25.50	-471.76409	36.87	744.46068	680.05306
JUVNL	10.74	147.65469	0	0.00000	11.46	-212.01633	0.00	0.00000	-64.36164
DVC	10.37	142.56789	50	-201.65779	5.54	-102.49306	0.00	0.00000	-161.58295
GRIDCO	15.19	208.83378	0	0.00000	4.25	-78.62735	10.97	221.50078	351.70721
SIKKIM	2.22	30.52080	0	0.00000	0.00	0.00000	0.00	0.00000	30.52080
WBSETCL	31.85	437.87728	50	-201.65779	38.25	-707.64613	32.14	648.95487	177.52823
NR(THPC)	0.00	0.00000	0.00	0.00000	15	-277.50829	0.00	0.00000	-277.50829
NER(MHEP)	0.00	0.00000	0.00	0.00000	0.00	0.00000	20.02	404.23387	404.23387
TOTAL	100.00	1374.81091	100.00	-403.31557	100.00	-1850.05525	100.00	2019.15020	1140.59029

(+) Means receivable from ER DSM pool

(-) Means Payable to ER DSM Pool

EASTERN REGIONAL POWER COMMITTEE

KOLKATA

Settlement of Deviation of Bhutan Power from Schedule for the month of MAY'2022

CONSTITUENTS	NR(TALA HEP)		Adjusted DEV Charge For THPC(Rs in Lakhs)
	SHARE(%)	DEV CHARGES (Rs in Lakhs)	
UTTAR PRADESH	4.41	-81.58744	-81.58744
RAJASTAN	1.47	-27.19581	-27.19581
J & K	1.77	-32.74598	-32.74598
HARYANA	1.47	-27.19581	-27.19581
PUNJAB	2.94	-54.39162	-54.39162
DELHI	2.94	-54.39162	-54.39162
TOTAL	15.00	-277.50829	-277.50829

(+) Means receivable from NR DSM pool

(-) Means Payable to NR DSM Pool

CONSTITUENTS	NER(MANGDECHHU HEP)		Adjusted DEV Charge For MHEP(Rs in Lakhs)
	SHARE(%)	DEV CHARGES (Rs in Lakhs)	
ASSAM	20.02	404.23387	404.23387
TOTAL	20.02	404.23387	404.23387

(+) Means receivable from NER DSM pool

(-) Means Payable to NER DSM Pool

EASTERN REGIONAL POWER COMMITTEE
KOLKATA

Settlement of Deviation of Bhutan Power from Schedule for the month of DECEMBER'2021(Revised)

Generators	SCH(MWH)	ACT(MWH)	DEV(MWH)	DEV CHARGE(Rs.)
CHUKKA HEP	7401.873	62493.458	55091.586	140483543
KURICHHU HEP	44725.250	0.000	-44725.250	-99737308
TALA HEP	141278.670	3772.075	-137506.595	-306639707
MANGDECHHU HEP	61331.750	107662.000	46330.250	190880630

CONSTITUENTS	CHUKHHA HEP		KIRUCHHI HEP		TALA HEP		MANGDECHHU HEP		Adjusted DEV Charge For CHPC, KHPC, THPC, MHEP(Rs in Lakhs)
	SHARE(%)	DEV CHARGES (Rs in lakhs)	SHARE(%)	DEV CHARGES (Rs in lakhs)	SHARE(%)	DEV CHARGES (Rs in Lakhs)	SHARE(%)	DEV CHARGES (Rs in Lakhs)	
BSPHCL	29.63	416.25274	0	0.00000	25.50	-781.93125	36.87	703.77688	338.09837
JUVNL	10.74	150.87933	0	0.00000	11.46	-351.40910	0.00	0.00000	-200.52978
DVC	10.37	145.68143	50	-498.68654	5.54	-169.87840	0.00	0.00000	-522.88350
GRIDCO	15.19	213.39450	0	0.00000	4.25	-130.32188	10.97	209.39605	292.46868
SIKKIM	2.22	31.18735	0	0.00000	0.00	0.00000	0.00	0.00000	31.18735
WBSETCL	31.85	447.44008	50	-498.68654	38.25	-1172.89688	32.14	613.49034	-610.65299
NR(THPC)	0.00	0.00000	0.00	0.00000	15	-459.95956	0.00	0.00000	-459.95956
NER(MHEP)	0.00	0.00000	0.00	0.00000	0.00	0.00000	20.02	382.14302	382.14302
TOTAL	100.00	1404.83543	100.00	-997.37308	100.00	-3066.39707	100.00	1908.80630	-750.12841

(+) Means receivable from ER DSM pool

(-) Means Payable to ER DSM Pool

EASTERN REGIONAL POWER COMMITTEE

KOLKATA

Settlement of Deviation of Bhutan Power from Schedule for the month of DECEMBER'2021(Revised)

CONSTITUENTS	NR(TALA HEP)		Adjusted DEV Charge For THPC(Rs in Lakhs)
	SHARE(%)	DEV CHARGES (Rs in Lakhs)	
UTTAR PRADESH	4.41	-135.22811	-135.22811
RAJASTAN	1.47	-45.07604	-45.07604
J & K	1.77	-54.27523	-54.27523
HARYANA	1.47	-45.07604	-45.07604
PUNJAB	2.94	-90.15207	-90.15207
DELHI	2.94	-90.15207	-90.15207
TOTAL	15.00	-459.95956	-459.95956

(+) Means receivable from NR DSM pool

(-) Means Payable to NR DSM Pool

CONSTITUENTS	NER(MANGDECHHU HEP)		Adjusted DEV Charge For MHEP(Rs in Lakhs)
	SHARE(%)	DEV CHARGES (Rs in Lakhs)	
ASSAM	20.02	382.14302	382.14302
TOTAL	20.02	382.14302	382.14302

(+) Means receivable from NER DSM pool

(-) Means Payable to NER DSM Pool

EASTERN REGIONAL POWER COMMITTEE
KOLKATA

Settlement of Deviation of Bhutan Power from Schedule for the month of APRIL'2022(Revised)

Generators	SCH(MWH)	ACT(MWH)	DEV(MWH)	DEV CHARGE(Rs.)
CHUKKA HEP	110538.235	157010.231	46471.996	118503590
KURICHHU HEP	806.250	0.000	-806.250	-1797938
TALA HEP	52249.908	29105.119	-23144.789	-51612878
MANGDECHHU HEP	205039.238	205806.000	766.763	3159062

CONSTITUENTS	CHUKHHA HEP		KIRUCHHI HEP		TALA HEP		MANGDECHHU HEP		Adjusted DEV Charge For CHPC, KHPC, THPC, MHEP(Rs in Lakhs)
	SHARE(%)	DEV CHARGES (Rs in lakhs)	SHARE(%)	DEV CHARGES (Rs in lakhs)	SHARE(%)	DEV CHARGES (Rs in Lakhs)	SHARE(%)	DEV CHARGES (Rs in Lakhs)	
BSPHCL	29.63	351.12614	0	0.00000	25.50	-131.61284	36.87	11.64746	231.16076
JUVNL	10.74	127.27286	0	0.00000	11.46	-59.14836	0.00	0.00000	68.12450
DVC	10.37	122.88822	50	-8.98969	5.54	-28.59353	0.00	0.00000	85.30500
GRIDCO	15.19	180.00695	0	0.00000	4.25	-21.93547	10.97	3.46549	161.53697
SIKKIM	2.22	26.30780	0	0.00000	0.00	0.00000	0.00	0.00000	26.30780
WBSETCL	31.85	377.43393	50	-8.98969	38.25	-197.41926	32.14	10.15322	181.17821
NR(THPC)	0.00	0.00000	0.00	0.00000	15	-77.41932	0.00	0.00000	-77.41932
NER(MHEP)	0.00	0.00000	0.00	0.00000	0.00	0.00000	20.02	6.32444	6.32444
TOTAL	100.00	1185.03590	100.00	-17.97938	100.00	-516.12878	100.00	31.59062	682.51835

(+) Means receivable from ER DSM pool

(-) Means Payable to ER DSM Pool

EASTERN REGIONAL POWER COMMITTEE

KOLKATA

Settlement of Deviation of Bhutan Power from Schedule for the month of APRIL'2022(Revised)

CONSTITUENTS	NR(TALA HEP)		Adjusted DEV Charge For THPC(Rs in Lakhs)
	SHARE(%)	DEV CHARGES (Rs in Lakhs)	
UTTAR PRADESH	4.41	-22.76128	-22.76128
RAJASTAN	1.47	-7.58709	-7.58709
J & K	1.77	-9.13548	-9.13548
HARYANA	1.47	-7.58709	-7.58709
PUNJAB	2.94	-15.17419	-15.17419
DELHI	2.94	-15.17419	-15.17419
TOTAL	15.00	-77.41932	-77.41932

(+) Means receivable from NR DSM pool

(-) Means Payable to NR DSM Pool

CONSTITUENTS	NER(MANGDECHHU HEP)		Adjusted DEV Charge For MHEP(Rs in Lakhs)
	SHARE(%)	DEV CHARGES (Rs in Lakhs)	
ASSAM	20.02	6.32444	6.32444
TOTAL	20.02	6.32444	6.32444

(+) Means receivable from NER DSM pool

(-) Means Payable to NER DSM Pool

**EASTERN REGIONAL POWER COMMITTEE
KOLKATA**

- i) For computing Deviation Charge for the week, Korba meter(NP2657A) has been used as master frequency meter.
- ii) Deviation charges for the week has been calculated as per amendment of CERC (Deviation Settlement Mechanism and related matters) Regulation.Notification no. No.L-1/132/2013/ CERC dated 06.01.14. Amendment as per CERC order dated 20.01.2015 on petition no RP/06/2015, 4th Amendment order dated 20.11.2018, 5th Amendment order dated 28.05.2019 & clause 7.10(b) of DSM 5th Amendment has been incorporated w.e.f. 01.12.2020.**
- iii) ACP values for computation of deviation rate vector has been taken from NLDC website
- iv) The Cap rate for all generators has been fixed at 303.04 paisa/kwh as per DSM 5th amendment 2019.
- v) Additional Deviation Charge due to violation of Block wise volume limit is inclusive of Additional deviation charge due to OD/UI at $f < 49.85\text{Hz}$ & OI/UD at $f > 50.10\text{Hz}$.
- vi) CHPC, KHPC, THPC and Mangdechhu are not covered under ABT. Hence Deviation energy (MWh) of these stations shall be adjusted monthly after getting data from concerned agency.
- vii) The payable/receivable of "Deviation Charge " in respect of Inter-Regional exchanges are settled on first charge basis without any adjustment.
- viii) As informed by ERLDC OPGC (2*660 MW), new Pool Member of ER, has started drawing power from 15.01.18.
- ix) As informed by ERLDC NPGC(NTPC) became a regional entity and DSM pool member wef 10.05.18 as NPGC started drawing start up power wef 10.05.18
- x) As informed by ERLDC DARLIPALI(NTPC) became a regional entity and DSM pool member wef 31.05.18.
- xi) Dagachhu HEP has been considered as pure Run of River without pondage as per TPTCL letter dated 06.02.2019 for computation of ADC due to sign change violation
- xii) As informed by ERLDC one unit of NPGC(1x660 MW) has been scheduled w.e.f. 06.09.2019
- xiii) As informed by ERLDC, NPGC Unit#2 starts drawing Start Up Power w.e.f. 27.08.2019.
- xiv) As informed by ERLDC, BARH Stage-I starts drawing Start up Power w.e.f 01.02.2020.
- xv) As informed by ERLDC one unit of DARLIPALI has been scheduled w.e.f. 01.03.2020.
- xvi) As informed by ERLDC, DARLIPALI U#2 start drawing start Up power w.e.f. 31.03.2020.
- xvii) As informed by ERLDC, RONGNICHU HEP start drawing start Up power w.e.f 00.00 hr of 17.04.2021 & Infirm Injection w.e.f 18.15 hr of 18.04.2021.
- xvii) As informed by ERLDC, RONGNICHU HEP has been scheduled w.e.f 02.07.2021.
- xviii) As informed by ERLDC, NPGC U#2 has been scheduled wef 23.07.2021
- xix) As informed by ERLDC, BRBCL_U#4 start drawing start Up power w.e.f. 23.08.2021.
- xx) As informed by ERLDC, DARLIPALI U#2 has been scheduled wef 01.09.2021
- xxi) As informed by ERLDC, BARH Stage-I U#1 has been scheduled wef 12.11.2021
- xxii) As informed by ERLDC, BRBCL U#4 has been scheduled wef 01.12.2021
- xxiii) A new Regional Entity PTC-BHUTAN added for net Bhutan Deviation account settlement w.e.f 01.01.2022 as per Designated Authority, CEA approval for import of Power by Bhutan.**
- xxiv) As informed by ERLDC, BARH Stage-I U#2 start drawing start Up power w.e.f 18.01.2022.**
- xxv) As per PTC letter dated 28.03.2022 and Designated Authority, CEA approval letter dated 13.04.2022, Bhutan deviation account settlement will be done as per pre-DSM period w.e.f. 01.04.2022**
- xxvi) Revised Dev A/c of Bhutan Power of Dec-2021 & April-2022 are done due to revision of Energy rate of Tala & Kurichu HEP as per PTC email dated 09.06.2022**

EASTERN REGIONAL POWER COMMITTEE, KOLKATA

RRAS Settlement Report from 30-05-2022 to 05-06-2022

A. Payments to the RRAS Provider(s) from the DSM pool for UP Regulation :

Sr. No	RRAS Provider	Energy Scheduled (MWH)	Fixed Charges (Rs) (X)	Variable Charges (Rs) (Y)	Markup as per CERC Order (Rs) (Z)	Total Charges (Rs) (X+Y+Z)
1	BARH	0	0	0	0	0
2	BARH-I	234.66	568816	654467	117330	1340613
3	BRBCL	871.945	2028145	1886889	435973	4351007
4	Darlipali_NTPC	0	0	0	0	0
5	FSTPP I & II	637.167743	525026	2223078	318584	3066688
6	FSTPP-III	183.755	274162	629177	91878	995217
7	KHSTPP-I	405.08	424524	1348511	202540	1975575
8	KHSTPP-II	0	0	0	0	0
9	MPL	382.6575	531510	970419	191329	1693258
10	MTPS-II	241.5325	660350	690058	120766	1471174
11	NPGC	70.61	167416	145598	35305	348319
12	TSTPP-I	0	0	0	0	0
	Total	3027.407743	5179949	8548198	1513705	15241852

B. Payments by the RRAS Provider(s) to the DSM pool for DOWN Regulation :

Sr. No	RRAS Provider	Energy Scheduled (MWH)	Variable Charges (Rs) (X)	Variable Charges Payable to Pool (Rs) (0.75*X)
1	BARH	0	0	0
2	BARH-I	0	0	0
3	BRBCL	0	0	0
4	Darlipali_NTPC	0	0	0
5	FSTPP I & II	1023.85	3572213	2679160
6	FSTPP-III	22.485	76989	57741
7	KHSTPP-I	0	0	0
8	KHSTPP-II	0	0	0
9	MPL	0	0	0
10	MTPS-II	0	0	0
11	NPGC	0	0	0
12	TSTPP-I	0	0	0
	Total	1046.335	3649201	2736901

C. Reimbursement of Fixed Charges by RRAS Provider to the Original Beneficiaries:

Sr. No	RRAS Provider	Energy Scheduled (MWH)	Fixed Charges To Be Refunded (Rs)	To Beneficiary Name
1	BARH-I	234.66	568816	Tamilnadu
2	BRBCL	871.945	341439	Bihar Railways
3	BRBCL		1138389	Maharashtra Railways
4	BRBCL		52574	Delhi
5	BRBCL		313216	DVC Railways
6	BRBCL		74966	HARYANA
7	BRBCL		53789	PUNJAB
8	BRBCL		33269	RAJASTHAN
9	BRBCL		20504	Karnataka Railways
10	FSTPP I & II		637.167743	81855
11	FSTPP I & II	64654		Delhi
12	FSTPP I & II	217158		Gujarat
13	FSTPP I & II	43094		Tamilnadu
14	FSTPP I & II	118265		UP
15	FSTPP-III	183.755	77893	BSPHCL
16	FSTPP-III		80490	Gujarat
17	FSTPP-III		112572	GRIDCO
18	FSTPP-III		3208	WB Solar
19	KHSTPP-I	405.08	20544	BSPHCL
20	KHSTPP-I		68792	Delhi
21	KHSTPP-I		129247	Gujarat
22	KHSTPP-I		37	HARYANA
23	KHSTPP-I		17868	RAJASTHAN
24	KHSTPP-I		13048	Tamilnadu
25	KHSTPP-I		174987	UP
26	MPL	382.6575	59944	DVC
27	MPL		471566	TPDDL
28	MTPS-II	241.5325	660350	Tamilnadu
29	NPGC	70.61	167416	UP
	Total	3027.4077	5179949	

Notes :

A) RRAS settlement account for the week 30-05-2022 to 05-06-2022 has been prepared as per the detailed procedure for Ancillary Services Operation as approved by CERC.

B) Fixed Charges and Variable Charges for RRAS providers have been calculated as per the rates furnished by the respective RRAS providers in Format AS-I and the same published in ERPC website as format AS-3.

C) Mark Up rate for Regulation Up service has been considered at 50paise/KWh as per CERC order on petition no This is as per Clause 13.6 of the Detailed Procedure for Ancillary Services Operation approved by CERC.01/SM/2016 dated 29.02.2016.

D) Quantum of Energy scheduled to/from VAE (Virtual Ancillary Entity) from/to concerned RRAS provider during Regulation Up/Regulation Down service has been considered as per the data furnished by ERLDC.

E) For the purpose of refund of Fixed Charges during Regulation Up service, the total Fixed charges received by the RRAS provider from DSM Pool Account has been apportioned in the ratio of the quantum surrendered by the original beneficiaries.

F) RRAS Up account of FSTPP-I&II for 6.674757 MWH and KHSTPP-I for 29.125 MWH of Regulated power are withheld.

The same account will be issued after getting direction from CERC

EASTERN REGIONAL POWER COMMITTEE, KOLKATA
AGC Settlement Account by ERPC from 30-05-2022 to 05-06-2022

Payments to the AGC Provider(s) from the DSM pool

Sr. No	AGC Provider	UP Regulation due to AGC (MWh)	Down Regulation due to AGC (MWh)	Net Energy (MWh)	Variable Charges (Rs.)	Markup Charges as per CERC Order (Rs.)	Total Charges (Rs.)
1	BARH	57.874	3519.1076	-3461.2336	-9975277	1788491	-8186786
2	BARH-I	2.3067	98.5191	-96.2124	-268336	50413	-217923
3	FSTPP I & II	329.8331	2918.2094	-2588.3763	-9030843	1624021	-7406822
4	FSTPP-III	225.4966	1602.3761	-1376.8795	-4714434	913936	-3800498
5	KHSTPP-II	155.5894	4046.4397	-3890.8503	-12283414	2101015	-10182399
6	MPL	1.6395	5801.7428	-5800.1033	-14709062	2901691	-11807371
7	MTPS-II	14.7815	990.2429	-975.4614	-2786894	502512	-2284382
8	NPGC	336.7744	3508.1307	-3171.3563	-6539337	1922453	-4616884
9	Teesta_V	54.7653	171.7923	-117.027	-136102	113279	-22823
	Total	1179.0605	22656.5606	-21477.5001	-60443699	11917811	-48525888

Notes :

A) (+) means payable from DSM Pool to AGC provider. (-) means payable to DSM Pool by AGC provider.

B) AGC settlement account for the week 30-05-2022 to 05-06-2022 has been prepared based on the CERC order in petition No.79/RC/2017, dated 06.12.2017.

C) The markup rate has been calculated at the rate of 50 Paise/kwh for Up & Down regulation.

D) Variable Charges for AGC provider has been calculated as per the rate furnished by the respective RRAS providers in Format AS-I and the same published in ERPC website as format AS-3.

RE: Information regarding Energy Rate of Tala & Kurichu HEPs of Bhutan-reg

From : hde@ptcindia.com
Subject : RE: Information regarding Energy Rate of Tala & Kurichu HEPs of Bhutan-reg
To : ERPC Commercial <eecom1.erpc@gov.in>, sandeep@ptcindia.com
Cc : shyam ies11 <shyam.ies11@gmail.com>, Shishir Kumar Pradhan <sk.pradhan15@gov.in>, saswatrj123@gmail.com

Thu, Jun 09, 2022 04:19 PM

 1 attachment

Dear Sir,

As per PPA with Bhutan, "TALA tariff will be increased by 10 % every five (5) years till the loan is fully repaid and thereafter @ 5% every five(5) years". In case of KHEP it was decided that every time the TLA tariff is revised , the Kurichhu tariff will also stand automatically revised.

Accordingly as per agreement TALA and KHEP tariff revised to Rs.2.23 / unit from 01-12-21 to 30-11-26. For Beneficiaries the tariff will be Rs.2.27/unit (for TALA including trading margin) and Rs.2.28/unit (For KHEP including trading margin and PGCIL transmission charges)

This is for your kind information and further necessary action please.

Thanks & regards

Hiranmay De
Executive Vice President

PTC India Ltd.
2nd Floor, NBCC Towers, 15 Bhikaji Cama Place
New Delhi -110066
Mobile: 9891383916
Phone: Off: 91-11-41595154
Fax: Off: 91-11-41659142

From: ERPC Commercial <eecom1.erpc@gov.in>**Sent:** Thursday, June 9, 2022 15:46**To:** Hiranmay De <hde@ptcindia.com>; Sandeep Vohra-PTC <sandeep@ptcindia.com>**Cc:** shyam ies11 <shyam.ies11@gmail.com>; Shishir Kumar Pradhan <sk.pradhan15@gov.in>; saswatrj123 <saswatrj123@gmail.com>**Subject:** Information regarding Energy Rate of Tala & Kurichu HEPs of Bhutan-reg

Sir,

ERPC issues monthly Energy account and Deviation account of the Bhutan HEPs (Tala, Chukha, Kurichu & Mangdechu HEPs) based on joint energy meter readings provided by PTC and schedule data by ERLDC. We use energy rate of Bhutan HEPs for calculating Deviation account of Tala Chukha, Kurichu & Mangdechu HEPs at 2.12 Rs/Kwh, 2.12 Rs/Kwh, 2.55 Rs/Kwh and 4.12 Rs/Kwh respectively. While going through the bill raised by Bhutan for the month of REA-May-2022 on account of energy exported, it is found that energy rate of Tala & Kurichu HEPs is different from the energy rate considered at our end in Deviation account of Bhutan power.

In view of the above, It is requested to provide information regarding the revised energy rate of Bhutan HEPs with date of revision and reasons for such revision.

Regards,

Commercial Division
Eastern Regional Power Committee
Ministry of Power, Govt. of India
14, Golf Club Road, Tollygunge
Kolkata- 700033



 **Tala Kurichhu- Tariff Revision.pdf**
3 MB

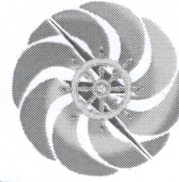
From : ERPC Commercial <eecom1.erp@gov.in> Thu, Jun 09, 2022 03:45 PM
Subject : Information regarding Energy Rate of Tala & Kurichu HEPs of Bhutan-reg
To : hde@ptcindia.com, sandeep@ptcindia.com
Cc : shyam ies11 <shyam.ies11@gmail.com>, Shishir Kumar Pradhan <sk.pradhan15@gov.in>, saswatrj123 <saswatrj123@gmail.com>

Sir,
ERPC issues monthly Energy account and Deviation account of the Bhutan HEPs (Tala, Chukha, Kurichu & Mangdechu HEPs) based on joint energy meter readings provided by PTC and schedule data by ERLDC. We use energy rate of Bhutan HEPs for calculating Deviation account of Tala Chukha, Kurichu & Mangdechu HEPs at 2.12 Rs/Kwh, 2.12 Rs/Kwh, 2.55 Rs/Kwh and 4.12 Rs/Kwh respectively. While going through the bill raised by Bhutan for the month of REA-May-2022 on account of energy exported, it is found that energy rate of Tala & Kurichu HEPs is different from the energy rate considered at our end in Deviation account of Bhutan power.

In view of the above, It is requested to provide information regarding the revised energy rate of Bhutan HEPs with date of revision and reasons for such revision.

Regards,

Commercial Division
Eastern Regional Power Committee
Ministry of Power, Govt. of India
14, Golf Club Road, Tollygunge
Kolkata- 700033



58/DGPC/PPA-PT/MD/2015-21/159

November 10, 2021

Chairman & Managing Director
PTC India Limited
2nd Floor, NBCC Tower
15 Bhikaji Cama Place
New Delhi – 110066

Subject: Revision of Tala/Kurichhu Export Power Tariff

Dear Sir,

The revision of the export tariff for Tala and Kurichhu power falls due on December 1, 2021 as per the Agreement in place. The July 28, 2006 Protocol to the Agreement between the GOI and the RGOB regarding the Tala Hydroelectric Project provides that, "The tariff will be increased by 10% every five (5) years till the loan is fully repaid and thereafter @ 5% every five (5) years".

As per the Protocol to the Agreement referred above, the tariff increase is 5% during the non-loan period. Therefore, the calculation for the tariff is as below.

Tariff for period December 01, 2016 to Nov 30, 2021	:	Rs. 2.12 per kWh
Increase in Tariff during non-loan period	:	5%
Tariff for period December 01, 2021 to November 30, 2026	:	Rs. 2.23 per kWh

Further, as per the April 4, 2008 Protocol of the Agreement between the GOI and the RGOB on the Kurichhu Hydroelectric Project, every time the Tala tariff is revised, the Kurichhu tariff will also stand automatically revised.

The Tala and Kurichhu tariff are therefore to be increased to INR 2.23 per kWh for a period of five (5) years from December 01, 2021 to November 30, 2026. PTC India will be billed accordingly starting the month of December 2021 billing cycle.

Yours sincerely,

(Chhewang Rinzin)
Managing Director

Copies to:

1. Secretary, MOEA, Thimphu for kind information
2. Director, DHPS, MOEA, Thimphu for kind information
3. CEO, DHI, Thimphu for kind information
4. Director (CAD)/Director (O&MD)/Director (FID), DGPC CO/ Head of Plant, Tala/ Head of Plant, Kurichhu for necessary actions

OFFICE OF MANAGING DIRECTOR

CORPORATE OFFICE: Post Box 1351, Thimphu, Bhutan. PABX +975-2-336341 Fax # +975-2-336342 Web: www.drukgreen.bt