



National Electric Power Regulatory Authority Islamic Republic of Pakistan

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No. NEPRA/R/ADG(Trf)/TRF-172/SHPL-2011/3215-20

February 21, 2023

Subject: Decision of the Authority in the matter of Quarterly Indexation/Adjustment of Tariff for 147 MW Patrind Hydropower Project of Star Hydro Power Ltd. (Case No. NEPRA/TRF-172/SHPL(EPC)-2011)

Dear Sir,

Please find enclosed herewith the decision of the Authority along with revised tariff components (Annex-I) (02 Pages) regarding quarterly indexation/adjustment of tariff for 147 MW Patrind Hydropower Project of Star Hydro Power Ltd. for the quarter October-December 2022 on account of US CPI, CPI (Local/General), US\$ / PKR Exchange Rate and LIBOR variation in Case No. NEPRA/TRF-172/SHPL-2011.

2. The decision is being sent to the Federal Government for intimation and action, if any, by the Federal Government under Proviso (ii) of Section 31(7) of NEPRA Act, before its notification by NEPRA pursuant to the said Proviso of Section 31(7) of NEPRA Act, 1997.

Enclosure: As above


(Engr. Mazhar Iqbal Ranjha)

Secretary
Ministry of Energy (Power Division)
'A' Block, Pak Secretariat,
Islamabad

Copy to: (alongwith copy of subject Decision):

1. Secretary, Cabinet Division, Cabinet Secretariat, Islamabad.
2. Secretary, Ministry of Finance, 'Q' Block, Pak Secretariat, Islamabad.
3. Managing Director, National Transmission & Despatch Co. Ltd. (NTDC)
414 WAPDA House, Shaharah-e-Quaid-e-Azam, Lahore Tele: 042 - 9920 2229
4. Chief Executive Officer, Central Power Purchasing Agency Guarantee Limited (CPPA-G), Shaheen Plaza, 73-West, Fazl-e-Haq Road, Islamabad
5. Chief Executive Officer, Star Hydro Power Limited (SHPL), Usman Square, 3rd & 4th Floor, Main Double Road, E-11/2, Islamabad-Pakistan.



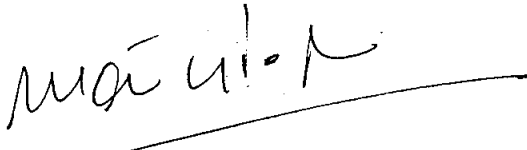
**DECISION OF THE AUTHORITY IN THE MATTER OF QUARTERLY
INDEXATION/ADJUSTMENT OF TARIFF FOR 147 MW PATRIND HYDROPOWER PROJECT
(STAR HYDRO LIMITED)**


Pursuant to the Authority's Determination in case No.NEPRA/R/SA(Tariff)TRF-172/SHPL-2011/19480-19482 dated July 29, 2020, notified vide S.R.O. 962/(I)/2021 dated July 29, 2021, in the matter of adjustment at commercial operation date, the tariff component for the quarter from October 01, 2022 to December 31, 2022 has been revised on account of US CPI, CPI (Local/General), US\$/PKR exchange rate variation and LIBOR in accordance with the requisite indexation/adjustment mechanism stipulated in the aforementioned determination/decision of the Authority.

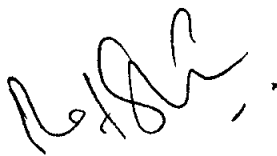
2. The revised tariff components attached as **Annex-I** are to be notified in the official gazette, in accordance with the provision of Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act 1997.

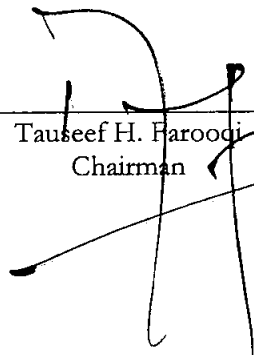
3. CPPA (G) to ensure that all payments are consistent with tariff determination(s).

AUTHORITY


Mathar Niaz Rana (nsc)
Member


Engr. Maqsood Anwar Khan
Member


Engr. Rafique Ahmed Shaikh
Member


Tauseef H. Farooqi
Chairman



Star Hydro Power Limited
Indexation

Component	Reference	Oct- Dec 2022
Variable O & M Local (Rs/kWh)	0.0344	0.0425
Water usage charges (Rs/kWh)	0.1500	0.1881
Fixed O & M Foreign (Rs/kW/Month)	162.3038	416.7795
Fixed O & M Local (Rs/kW/Month)	107.6680	133.1233
Return On Equity (Rs/kW/Month)	793.1840	1,764.1561
Return on Equity During Construction (Rs/kW/Month)	484.0221	1,076.5353
Principal Repayment (Rs/kW/Month)	1,041.1337	1,925.672
Interest Charges (Rs/kW/Month)	629.5344	1,300.5856
Indexation Values		
Exchange Rate for O&M	105.4400	224.44
Exchange Rate for Return	100.9100	224.44
Exchange Rate Semi Annual for Debt	100.9100	186.64
CPI - Local Quarterly	216.9267	268.21
CPI - Local Annual for WUC	214.7400	269.27
CPI- US Quarterly	245.7080	296.4183333
LIBOR	1.4477%	2.9351%

*For the purpose of indexation of Local O&M components for July-Sep 2022, the averages of the CPIs for previous quarters were required to be used. However, the Pakistan Bureau of Statistics has discontinued the publication of CPI for the base year 2007-08 w.e.f. July 2020 and replaced it with National CPI for new base year 2015-16. As per the relevant provision of the PPA, the average of the latest available CPI of April, May & June 2020 for the base year 2007-08 has been used for the instant indexation/adjustment. For the purpose of Water Use Charge (WUC) Indexation, for the period from November 08, 2022, to November 07, 2023, the averages of the CPIs of the last years i.e. November 2020 to October 2021 were required, however, due to the discontinuance of CPI from July 2020, the average of the whole year may not be taken, therefore the last available CPI of June 2020 (269.27) has been used for as an average value for the indexation of WUC. The indexation of Local O&M components and WUC are being made on a provisional basis, subject to the notification of the Authority's decision dated March 10, 2021, with regard to the replacement of CPI base year 2007-8 with N-CPI base year 2015-16 and Authority's review decision in the matter of motion for leave for review (MLR) filed by the petitioner.

**The Authority wide its decision dated March 10. 2021 replaced CPI Base Year 2007-08 with N-CP1 Base Year 2015-16. The decision shall be implemented upon Notification in the Official Gazette

