



**Registrar**

# **National Electric Power Regulatory Authority**

## **Islamic Republic of Pakistan**

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No. NEPRA/R/ADG(Trf)/TRF-172/SHPL-2011/ 34843-48

October 19, 2023

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

Dear Sir,

Please find enclosed herewith the decision of the Authority along with **Annex-I** (total 02 Pages) regarding quarterly indexation/adjustment of tariff for 147 MW Patrind Hydropower Project of Star Hydro Power Ltd. for the quarter **July-September 2023** on account of Exchange rate Variation, N-CPI LOCAL, US CPI 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-Qaid-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, 3<sup>rd</sup> & 4<sup>th</sup> 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 components are required to be indexed as per stipulated mechanism.

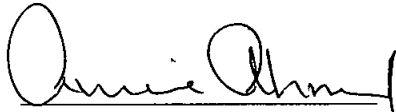
Accordingly, the Authority in its collective and joint wisdom decided with consensus as under; which will be hereafter called as the decision of the Authority in the matter:

“The Local Variable & Fixed O&M, Foreign O&M, Water Use Charge (WUC), Debt Servicing, Return on Equity (ROE) and Return on Equity During Construction (ROEDC) components have been indexed for Jul-Sept 2023 quarter on account of exchange rate variation, N-CPI local, US CPI, and LIBOR. The revised tariff indicated in the attached Annex-I shall be immediately applicable.”

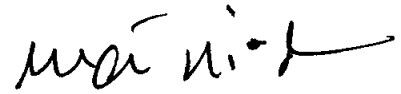
The revised tariff components attached as **Annex-I** are to be notified in the official gazette, in accordance with the provision of Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act 1997.

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

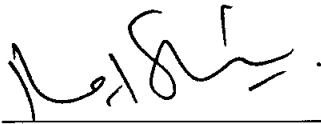
**AUTHORITY**



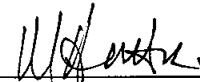
Amina Ahmed  
Member



Mathar Niaz Rana (nsc)  
Member



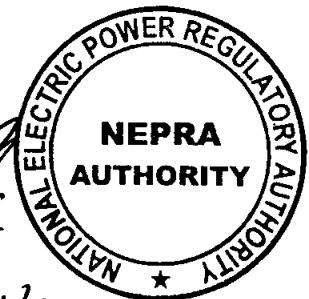
Engr. Rafique Ahmed Shaikh  
Member



Engr. Maqsood Anwar Khan  
Member



Waseem Mukhtar  
Chairman



**Star Hydro Power Limited**  
**Quarterly Indexation/Adjustment**

Component	Reference	July - Sep 2023	Indexation
Variable O & M Local (Rs/kWh)	0.0425	0.0734	Local CPI
Water usage charges (Rs/kWh)	0.1715	0.2425	Local CPI
Fixed O & M Foreign (Rs/kW/Month)	162.3038	545.9934	US CPI & Rs./US\$
Fixed O & M Local (Rs/kW/Month)	133.1233	229.8547	Local CPI
Return On Equity (Rs/kW/Month)	793.1840	2,251.9791	Rs./US\$
Return on Equity During Construction (Rs/kW/Month)	484.0221	1,374.2179	Rs./US\$
Principal Repayment (Rs/kW/Month)	1,106.6598	2,997.8307	Rs./US\$
Interest Charges (Rs/kW/Month)	564.0081	2,559.6576	LIBOR & Rs./US\$
Principal outstanding Foreign (US\$ in Millions)		154.324	
Capacity (MW)		147	

Indexation Values	Sources (Website)		
Exchange Rate for O&M	105.4400	286.5000	NBP
Exchange Rate for Return	100.9100	286.5000	NBP
Exchange Rate Semi Annual for Debt	100.9100	273.3558	NBP
N-CPI Local Quarterly	131.2267	226.5800	Pakistan Bureau of Statistics
N-CPI Local Annual for WUC	121.0950	171.1950	Pakistan Bureau of Statistics
CPI- US Quarterly	245.7080	304.1997	US Bureau of Labor Statistics
LIBOR	6.1977%	10.5123%	Global-rates.com

\*Based on the data declared by Star Hydro Power Limited.

\*WUC is subject to indexation annually and was required to be indexed with N-CPI for the period from November 2022 to October 2023. Now upon the notification of the N-CPI decision by the Authority vide SRO.1041 (T)/2023 dated August 09, 2023, N-CPI has been applied for the applicable period.

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