



Registrar

# National Electric Power Regulatory Authority Islamic Republic of Pakistan

NEPRA Tower, Attaturk Avenue (East), G-5/1, Islamabad  
Ph: +92-51-9206500, Fax: +92-51-2600026  
Web: www.nepa.org.pk, E-mail: registrar@nepa.org.pk

No. NEPRA/R/ADG(Trf)/TRF-308/HSRPEL-2015/6425-29

March 17, 2023

**Subject: Decision of the Authority in the matter of Quarterly Indexation/Adjustment of Tariff for Huaneng Shandong Ruyi (Pakistan) Energy Private Limited for January-March 2023 Quarter (Case No. NEPRA/TRF-308/HSRPEL-2015)**

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 of Huaneng Shandong Ruyi (Pakistan) Energy Private Limited for the January-March 2023 quarter on account of US CPI, CPI (Local), Exchange Rate, KIBOR, LIBOR, Coal Price(s) and Coal Calorific Value(s) variation in Case No. NEPRA/TRF-308/HSRPEL-2015.

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),  
Government of Pakistan  
'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. Chief Executive Officer, Central Power Purchasing Agency Guarantee Limited (CPPA-G), Shaheen Plaza, 73-West, Fazl-e-Haq Road, Islamabad
4. Chief Executive, Huaneng Shandong Ruyi (Pakistan) Energy (Pvt.) Ltd.  
House No. 4-A, Street No.20, F-8/2, Islamabad [Phone: (03000 805869, 0310 7878539]

**DECISION OF THE AUTHORITY IN THE MATTER OF QUARTERLY INDEXATION /ADJUSTMENT OF TARIFF FOR HUANENG SHANDONG RUYI (PAKISTAN) ENERGY PRIVATE LIMITED FOR JANUARY TO MARCH 2023 QUARTER.**

Pursuant to the Decision of the Authority dated March 31, 2015 in the matter of approval of upfront coal tariff for 2x660 MW coal power plant of Huaneng Shandong Ruyi (Pakistan) Energy Private Limited (hereafter "HSRPEL") and decision of the Authority dated January 17, 2019 in the matter of tariff adjustment at Commercial Operation Date (COD), the relevant tariff components in respect of January to March 2023 quarter have been revised on account of US CPI, CPI Local, Exchange Rate, KIBOR, LIBOR, Coal Price(s) and Coal Calorific Value(s) variation. The revised tariff indicated hereunder shall be immediately applicable:

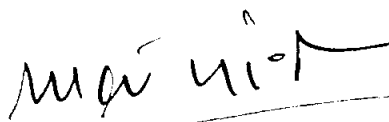
Tariff Components	Reference Jan 17, 2019	Revised Jan to Mar 2023 Quarter
<b>Capacity Charge (Rs./KW/h)</b>		
Fixed O&M – Foreign	0.1601	0.4189
Fixed O&M – Local	0.1606	0.1984
Cost of Working Capital	0.1541	1.3053
Return on Equity	0.9438	2.1759
Principal Outstanding	1.3850	3.0234
Interest Charge	0.4290	1.5229
<b>Total</b>	<b>3.2326</b>	<b>8.6448</b>
<b>Energy Purchase Price (Rs./KWh)</b>		
Variable O&M – Foreign	0.0763	0.1996
Variable O&M – Local	0.0510	0.0630
<b>Total</b>	<b>0.1273</b>	<b>0.2626</b>

HSRPEL has consumed mixed coal i.e. imported & local during the quarter. Accordingly, ROE and cost of working capital components have been adjusted in accordance with the Para 9.2 & 10.2(d) of the decision dated January 17, 2019.

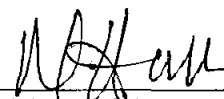
The above referred revised tariff components attached as **Annex-I** are to be notified in the official gazette, in accordance with the provision of Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act 1997.

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

**AUTHORITY**



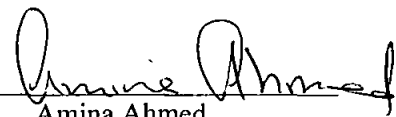
Mathar Niaz Rana (nsc)  
Member



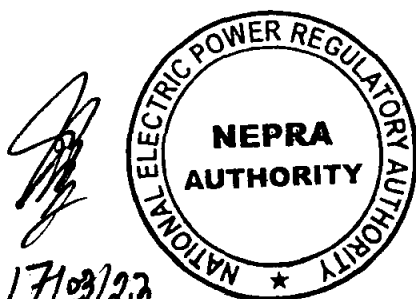
Engr. Maqsood Anwar Khan  
Member



Engr. Rafique Ahmed Shaikh  
Member



Amina Ahmed  
Member



Tauseef H. Fardooqi  
Chairman

**Huaneng Shandong Ruyi (Pakistan) Energy (Pvt) Company Ltd.**  
**Quarterly Indexation/Adjustment of Tariff**

Tariff Components	Reference Jan 17, 2019	Revised Jan to Mar 2023 Quarter	Indexation
<b>Capacity Charge (Rs./KW/h)</b>			
Fixed O&M - Foreign	0.1601	0.4189	US CPI & Rs./US\$
Fixed O&M - Local	0.1606	0.1984	CPI
Cost of Working Capital	0.1541	1.3053	KIBOR & Fuel Cost as per respective consumption of Local & Imported Coal.
Return on Equity	0.9438	2.1759	Rs./US\$ & respective consumption of Local & Imported Coal.
Principal Outstanding	1.3850	3.0234	Rs./US\$
Interest Charge	0.4290	1.5229	LIBOR & Rs./US\$
<b>Total</b>	<b>3.2326</b>	<b>8.6448</b>	
<b>Energy Purchase Price (Rs./KWh)</b>			
Variable O&M - Foreign	0.0763	0.1996	US CPI & Rs./US\$
Variable O&M - Local	0.0510	0.0630	CPI Local
<b>Total</b>	<b>0.1273</b>	<b>0.2626</b>	
<b>Indexation Values</b>			
Exchange Rate (Rs./USD)	104.594	226.900	NBP - Revised rate of Dec 30, 2022
US CPI (All Urban Consumers)	246.819	297.711	U.S. Bureau of Labor Statistics - Revised value of Nov 2022
CPI (General) - Local	217.980	269.270	Pakistan Bureau of Statistics - Revised value of Jun 2020
3 Monthly KIBOR	6.150%	17.000%	SBP - Revised rate of Dec 30, 2022
3 Monthly LIBOR	1.380%	4.767%	www.brecorder.com & www.theice.com - Revised rate of Dec 30, 2022
Imported Coal Price (Rs./Ton)	13.605	71,530.40	Weighted Average Price of Coal Consumed during Oct to Dec 2022.
Imported Coal Calorific Value (BTU/Kg)	23,768	22,496.03	Weighted Average CV of Coal Consumed during Oct to Dec 2022.
Local Coal Price (Rs./Ton)	-	76,725.16	Weighted Average Price of Coal Consumed during Oct to Dec 2022.
Local Coal Calorific Value (BTU/Kg)	-	22,592.49	Weighted Average CV of Coal Consumed during Oct to Dec 2022.
Imported Coal Quantity (M. Ton)	-	43,556.00	25.9% of Total Coal Consumed during Oct-Dec 2022.
Local Coal Quantity (M. Ton)	-	124,783.00	74.1% of Total Coal Consumed during Oct-Dec 2022.
Principal Outstanding (USD. Million)	-	778.00	
Return on Equity (ROE)-Local	-	29.50%	
Return on Equity (ROE)-Imported	-	27.20%	
Hours in the quarter	-	2,160	

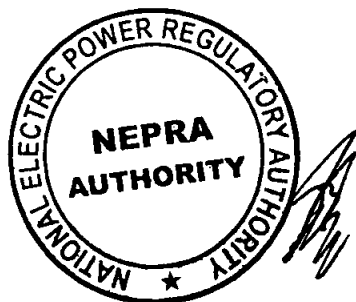
- For the purpose of indexation of Local O&M components for Jan-Mar 2023 quarter, CPI for Nov 2022 was required to be used. However, Pakistan Bureau of Statistics has discontinued the publication of CPI for base year 2007-08 w.e.f. July 2020 and replaced it with National CPI for new base year 2015-16. As per relevant provision of the PPA, the latest available CPI of June 2020 for base year 2007-08 has been used for the instant indexation/adjustment. The indexation of Local O&M components is being made on provisional basis, subject to revision upon decision of new reference index value by the Authority.

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

- The cost of working capital is calculated on the basis of 30 days receivable, 90 days inventory for imported coal, 30 days inventory for local coal, actual consumption %age for respective coal and actual CV for respective coal.

- Insurance component is not part of quarterly indexation. It is adjusted annually on actual basis as per mechanism stipulated in the Decision(s) of the Authority.

- Based on the data declared by Huaneng Shandong Ruyi (Pakistan) Energy (Pvt) Company Ltd.



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