



Registrar

National Electric Power Regulatory Authority

Islamic Republic of Pakistan

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No. NEPRA/R/DG(Trf)/TRF-55/AGL-2006/ 34753-57

October 19, 2023

Subject: Decision of the Authority in the matter of Adjustment of Calorific Value (CV) from July to September 2022 for Attock Gen Limited (AGL) (Case No. NEPRA/TRF-55/AGL-2006)

Dear Sir,

Please find enclosed herewith the decision of the Authority along with **Annex-I** (total 03 Pages) in the matter of adjustment of Calorific Value for the period **July to September 2022** for Attock Gen Limited in Case No. NEPRA/TRF-55/AGL-2006.

2. The Decision is being intimated to the Federal Government for the purpose of notification in the official Gazette pursuant to Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 within 30 days from the intimation of this Decision. In the event the Federal Government fails to notify the subject tariff Decision or refer the matter to the Authority for reconsideration, within the time period specified in Section 31(7), then the Authority shall notify the same in the official Gazette pursuant to Section 31(7) of NEPRA Act.

Enclosure: As above

(Engr. Mazhar Iqbal Ranjha)

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

CC:

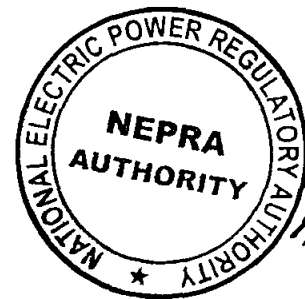
1. Secretary, Cabinet Division, Cabinet Secretariat, Islamabad
2. Secretary, Ministry of Finance, 'Q' Block, Pak Secretariat, Islamabad.
3. Chief Executive Officer, Central Power Purchasing Agency Guarantee Limited (CPPA-G), Shaheen Plaza, 73-West, Fazl-e-Haq Road, Islamabad
4. Chief Executive Officer, Attock Gen Limited, Refinery P.O. Morgah, Rawalpind

DECISION OF THE AUTHORITY IN THE MATTER OF ADJUSTMENT OF CALORIFIC VALUE (CV) FROM JULY TO SEPTEMBER 2022 FOR ATTOCK GEN LIMITED (AGL).

1. Attock Gen Limited (AGL) is required to maintain and submit record of Calorific Value (CV) of furnace oil consumed for power generation for adjustment of CV with respect to reference CV i.e. 18,328 Btu/lb, duly supported with the copies of test reports.
2. The Authority in December 2016 decided to consider average value of test results of both Hydro Carbon Development Institute of Pakistan (HDIP) laboratories at Islamabad and Karachi while calculating CV adjustment.
3. AGL vide its letter dated September 21, 2020 submitted that HDIP Karachi laboratory did not conduct CV tests of RFO samples from July 1, 2020 onward citing the reason that the lab equipment is out of order, therefore, under the current circumstances AGL will only be able to send its RFO sample to HDIP Islamabad laboratory for testing. Further, AGL requested for advice for other alternative till resumption of test at HDIP Karachi. The Authority has considered the request of AGL and vide its letter dated October 14, 2020 directed AGL to get CV tested from SGS lab as a replacement to HDIP Karachi.
4. AGL has calculated an amount of **Rs. 154,700,646/-** (One Hundred Fifty Four Million Seven Hundred Thousand Six Hundred and Forty Six) payable to the power purchaser on account of variation in CV of RFO consumed during the period July 1, 2022 to September 31, 2022. In support, AGL submitted record of CVs for its adjustment with respect to the reference CV of 18,328 Btu/lb duly supported with the copies of test reports certified from HDIP laboratory at Islamabad and SGS Lab.
5. AGL calculated payable amount after application of heat rate correction factor (K_L) provided in the Power Purchase Agreement (PPA). While the Authority determines Fuel Cost Component without the application of K_L factor, the receivable or payable amounts on account of actual CV are also worked out without application of K_L factor. CPPA-G shall take into account the impact of applicable K_L factor on the receivable amount determined by the Authority.
6. The Authority in its collective and joint wisdom decided with consensus as under; which will be under called as decision of the Authority in the matter:-

“The Authority decided to approve an amount of **Rs. 151,223,301/-** (One Hundred Fifty One Million Two Hundred Twenty Three Thousand Three Hundred and One) payable by AGL to the power purchaser on account of adjustment of CV against the reference CV of 18,328 Btu/lb for the period July 1, 2022 to September 31, 2022. The detailed calculations are attached as **Annex-I**.

The Central Power Purchasing Agency (Guarantee) Limited (CPPAG) is hereby directed to deduct/adjust **Rs. 151,223,301/-** (One Hundred Fifty One Million Two Hundred Twenty Three Thousand Three Hundred and One) against the outstanding amount of AGL on account of adjustment of calorific value for the period July 1, 2022 to September 31, 2022. CPPA-G shall take into account the impact of applicable K_L factor on the receivable amount determined by the Authority.





7. The above order of the Authority along with Annex-I shall be notified in the official Gazette in accordance with the provisions of Section 31(7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997.

AUTHORITY

Mathar Niaz Rana

Mathar Niaz Rana (nsc)
Member

Engr. Maqsood Anwar Khan

Engr. Maqsood Anwar Khan
Member

Engr. Rafique Ahmed Shaikh

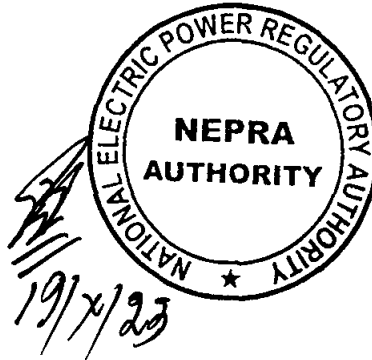
Engr. Rafique Ahmed Shaikh
Member

Amina Ahmed

Amina Ahmed
Member

Waseem Mukhtar

Waseem Mukhtar
Chairman



ATTOCK GEN LIMITED
Calculation of CV Adjustment

Sr. No.	Month	Period	Reference CV (BTU/lb)	Apporved FCC (Rs./kWh)	Actual CV (Avg.) (BTU/lb)	Revised FCC (Rs./kWh)	Difference (Rs./kWh)	Units Billed	Differential Amount
1	Jul-22	Jul 1 to 15, 2022	18,328	31.4473	18,805.00	30.6496	(0.7977)	32,713,222	(26,094,665)
		Jul 16 to 31, 2022	18,328	27.0028	18,800.00	26.3249	(0.6779)	16,452,025	(11,153,529)
2	Aug-22	Aug 1 to 15, 2022	18,328	27.0096	18,754.00	26.3961	(0.6135)	45,961,890	(28,198,871)
		Aug 16 to 31, 2022	18,328	28.2536	18,786.00	27.5648	(0.6888)	49,531,663	(34,118,338)
3	Sep-22	Sep 1 to 15, 2022	18,328	25.8668	18,758.00	25.2738	(0.5930)	46,816,447	(27,760,231)
		Sep 16 to 30, 2022	18,328	24.2151	18,764.00	23.6524	(0.5627)	42,472,534	(23,897,667)
Amount (Payable)/Receivable by AGL to CPPA(G)									(151,223,301)

-Based on data declared by Attock Gen Limited

