



Registrar

National Electric Power Regulatory Authority

Islamic Republic of Pakistan

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No. NEPRA/R/DG(Trf)/TRF-55/AGL-2006/ 35007-11

October 19, 2023

Subject: Decision of the Authority in the matter of Adjustment of Calorific Value (CV) from April to June 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 **April to June 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

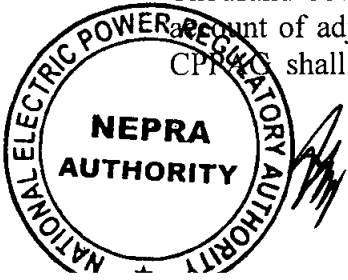


DECISION OF THE AUTHORITY IN THE MATTER OF ADJUSTMENT OF CALORIFIC VALUE (CV) FROM APRIL TO JUNE 2022 FOR ATTOCK GEN LIMITED (AGL).

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. 188,690,959/-** (One Hundred Eighty Eight Million Six Hundred Ninety Thousand Nine Hundred and Fifty Nine) payable to the power purchaser on account of variation in CV of RFO consumed during the period April 1, 2022 to June 30, 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 hereunder called as decision of the Authority in the matter:-

“The information and CV test reports of labs were analyzed in light of the documentary evidences provided by AGL. Accordingly, an amount of **Rs. 174,001,733/-** (One Hundred Seventy Four Million One Thousand Seven Hundred and Thirty Three) payable by AGL to the power purchaser for the period April 1, 2022 to June 30, 2022 has been assessed and approved on account of adjustment of actual average CV of HDIP & SGS labs against the reference CV of 18,328 Btu/lb. The detailed calculations are attached as **Annex-I**.

The Central Power Purchasing Agency (Guarantee) Limited (CPPAG) is hereby directed to deduct/adjust **Rs. 174,001,733/-** (One Hundred Seventy Four Million One Thousand Seven Hundred and Thirty Three) against the outstanding amount of AGL on account of adjustment of calorific value for the period April 1, 2022 to June 30, 2022. CPPAG shall take into account the impact of applicable K_L factor on the receivable





amount determined by the Authority. CPPAG is also directed to deduct/adjust the required amount as soon as possible.”

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 (nsc)
Member

Engr. Maqsood Anwar Khan
Member

Engr. Rafique Ahmed Shaikh
Member

Amina Ahmed
Member

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 | Apr-22 | Apr 1 to 15, 2022 | 18,328 | 28.1311 | 18,821 | 27.3950 | (0.7361) | 44,804,675 | (32,982,618) |
| | | Apr 16 to 30, 2022 | 18,328 | 30.4175 | 18,907 | 29.4868 | (0.9307) | 42,390,746 | (39,453,615) |
| 2 | May-22 | May 1 to 15, 2022 | 18,328 | 31.7198 | 18,750 | 31.0067 | (0.7131) | 23,716,871 | (16,912,029) |
| | | May 16 to 31, 2022 | 18,328 | 31.2869 | 18,783 | 30.5290 | (0.7579) | 46,180,030 | (34,999,608) |
| 3 | Jun-22 | Jun 1 to 15, 2022 | 18,328 | 31.4148 | 18,767 | 30.6808 | (0.7340) | 46,611,282 | (34,214,615) |
| | | Jun 16 to 30, 2022 | 18,328 | 31.1131 | 18,666 | 30.5505 | (0.5626) | 27,444,081 | (15,439,247) |
| Amount (Payable)/Receivable by AGL to CPPA(G) | | | | | | | | | (174,001,733) |

- Based on the data declared by Attock Gen Limited.

