



National Electric Power Regulatory Authority Islamic Republic of Pakistan

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No. NEPRA/R/ADG(Trf)/TRF-55/AGL-2006/1382-85

January 21, 2022

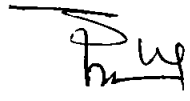
Subject: **Decision of the Authority in the matter of Adjustment of Calorific Value (CV) for Attock Gen Ltd. (Case No. NEPRA/TRF-55/AGL-2006)**

Dear Sir,

Please find enclosed herewith the subject decision of the Authority along with Annex-I (03 Pages) in the matter of adjustment of Calorific Value for the period 1st July to 30th September 2021 in respect of Attock Gen Ltd. in Case No. NEPRA/TRF-55/AGL-2006.

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


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(Syed Safeer Hussain)

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, Rawalpindi

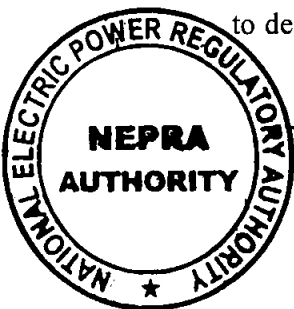


**DECISION OF THE AUTHORITY IN THE MATTER OF ADJUSTMENT OF
CALORIFIC VALUE (CV) FOR ATTOCK GEN LIMITED (AGL)**

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. 108,578,476/-** payable to the power purchaser on account of variation in CV of RFO consumed during the period July-Sep 2021. 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 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 decided to approve an amount of **Rs. 107,562,875/-** 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 1st July to 30th September 2021. The detailed calculations are attached as **Annex-I**.

Order

7. The Central Power Purchasing Agency (Guarantee) Limited (CPPAG) is hereby directed to deduct/adjust **Rs. 107,562,875/-** against the outstanding amount of AGL on account of



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adjustment of calorific value for the period 1st July to 30th September 2021. CPPA-G shall take into account the impact of applicable K_L factor on the receivable amount determined by the Authority.

8. 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

Rehmatullah Baloch
Member

Engr. Rafique Ahmed Sheikh
Member

Engr. Maqsood Anwar Khan
Member



Tauseef H. Farooqi
Chairman

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ATTOCK GEN LIMITED
Calculation of Calorific Value Adjustment

S.No	Month	Period	Reference CV (BTU/lb)	Apporved FCC (Rs./kWh)	Actual CV (Average) (BTU/lb)	Revised FCC (Rs./kWh)	Difference (Rs./kWh)	Units Billed	Differential Amount
1	Jul-21	01-15 Jul 2021	18,328	15.6287	18,883	15.1693	-0.4594	46,870,164	(21,529,866)
		16-31 Jul 2021	18,328	15.9140	18,880	15.4487	-0.4653	31,346,944	(14,585,175)
2	Aug-21	01-15 Aug 2021	18,328	16.0842	18,910	15.5892	-0.4950	33,845,720	(16,754,624)
		16-31 Aug 2021	18,328	16.4814	18,891	15.9902	-0.4912	43,291,847	(21,264,426)
3	Sep-21	01-15 Sep 2021	18,328	16.5561	18,961	16.0034	-0.5527	28,508,407	(15,756,997)
		16-30 Sep 2021	18,328	18.4165	18,857	17.9003	-0.5162	34,236,508	(17,671,787)
Amount Payable by AGL to CPPA (G)									(107,562,875)

