



Registrar

# National Electric Power Regulatory Authority Islamic Republic of Pakistan

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No. NEPRA/R/ADG(Trf)/TRF-55/AGL-2006/30816-30818

June 30, 2021

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

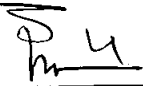
Dear Sir,

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 1<sup>st</sup> October to 31<sup>st</sup> December 2020 in respect of Attock Gen Ltd. in Case No. NEPRA/TRF-55/AGL-2006.

2. The decision is being intimated to the Federal Government for the purpose of notification of adjustment in the approved tariff through the official Gazette pursuant to Section 31 (7) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997.

3. Order of the Authority along with Annex-I shall be notified in the official Gazette.

Enclosure: As above

  
300624  
( Syed Safer 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.

**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. 18,017,466/-** payable to the power purchaser on account of variation in CV of RFO consumed during the period Oct-Dec 2020. 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. 17,571,127/-** payable by AGL to the power purchaser on account of adjustment of CV against the reference CV of 18,328



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Btu/lb for the period 1<sup>st</sup> October to 31<sup>st</sup> December 2020. The detailed calculations are attached as **Annex-I**.

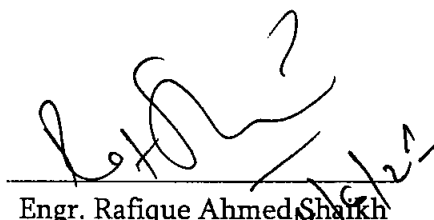
### Order


7. The Central Power Purchasing Agency (Guarantee) Limited (CPPAG) is hereby directed to deduct/adjust **Rs. 17,571,127/-** against the outstanding amount of AGL on account of adjustment of calorific value for the period 1<sup>st</sup> October to 31<sup>st</sup> December 2020. 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.
9. CPPA (G) to ensure that all payments are consistent with the tariff determination.

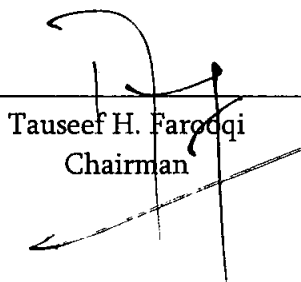
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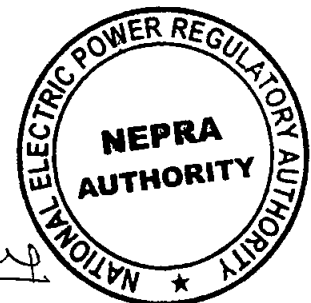
### Authority

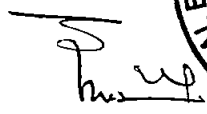
  
Rehmatullah Baloch  
Member

  
Engr. Rafique Ahmed Shaikh  
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	Oct-20	01-15 Oct 2020	18,328	9.8010	18,822	9.5440	-0.2570	19,237,420	(4,943,678)
		16-31 Oct 2020	18,328	9.8011	18,782	9.5642	-0.2369	3,656,201	(866,201)
2	Nov-20	01-15 Nov 2020	18,328	10.3698	18,852	10.0816	-0.2882	4,559,139	(1,314,096)
		16-30 Nov 2020	18,328	9.7345	18,835	9.4725	-0.2620	-	-
3	Dec-20	01-15 Dec 2020	18,328	10.7584	18,851	10.4599	-0.2985	4,748,871	(1,417,442)
		16-31 Dec 2020	18,328	11.0335	18,827	10.7411	-0.2924	30,877,424	(9,029,710)
Amount Payable to CPPA (G)									(17,571,127)

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