

**Calculation of MFCA in Accordance with the Fuel Surcharge Formula in Paragraph B of Schedule - 7B of the West Bengal Electricity Regulatory Commission (Terms and Condition of Tariff) Regulations, 2011 and subsequent amendments**

**Adhunik Power & Natural Resource Limited**

**a Value as per Tariff order (as determined by Hon'ble WBERC in order dated 31.03.2025 case no. TP-108/24-25)**

| Details                                                     | Parameters       | Unit     | Amount |
|-------------------------------------------------------------|------------------|----------|--------|
| Normative Auxiliary Consumption                             | AUX <sub>n</sub> | %        | 9      |
| Normative Oil Consumption rate                              | Oil <sub>n</sub> | ml/kWh   | 1      |
| Normative gross station heat rate of power station          | SHR <sub>n</sub> | kCal/kWh | 2387   |
| Normative transit and handling loss                         | T <sub>L</sub>   | %        | 0.8    |
| Average Energy cost for sent out energy as per Tariff Order | EC <sub>T</sub>  | Rs/kWh   | 2.259  |

**b Fuel Values for the Month- Aug 2026 Energy Supplied for the month of Aug 2026**

| Details                                | Parameters            | Unit    | Amount  |
|----------------------------------------|-----------------------|---------|---------|
| Sent out energy from the power station | E <sub>g</sub>        | MU      | 34.63   |
| Price of Oil                           | Oil <sub>price</sub>  | Rs/KL   | 93402   |
| Heat Value of Oil                      | Oil <sub>GCV</sub>    | kCal/L  | 9351    |
| Heat Value of Coal Purchased*          | Coal <sub>GCV</sub>   | kCal/kg | 3508.66 |
| Average Coal Price                     | Coal <sub>price</sub> | Rs/MT   | 3557.74 |

\*(Less 120 Kcal/kg for handling and storage loss factored in wtd GCV consumed)

**c Value to be taken from the Order of Adhoc Variable Cost or Adhoc Power Purchase Cost (if any)**

| Details         | Parameters              | Unit   | Amount |
|-----------------|-------------------------|--------|--------|
| Adhoc Fuel Cost | Adhoc_F <sub>cost</sub> | Rs/kWh | 0      |

**d Computation of MFCA for the month of Aug 2026**

| Details                                                      | Parameters          | Formulas                                         | Unit      | Amount          |
|--------------------------------------------------------------|---------------------|--------------------------------------------------|-----------|-----------------|
| Sent out energy from the power station                       | G <sub>n</sub>      | $E_g / (1 - Aux_n \times 0.01)$                  | MU        | 38.06           |
| Total cost on normative oil consumption                      | Oil <sub>c</sub>    | $G_n \times Oil_n \times Oil_{price}$            | Rs        | 35,54,688       |
| Heat generated from oil consumption                          | Oil <sub>Heat</sub> | $G_n \times Oil_n \times Oil_{GCV} \times 10^3$  | kCal      | 35,58,79,793    |
| Total Normative heat required for sent out generation        | T <sub>H</sub>      | $G_n \times SHR_n \times 10^6$                   | kCal      | 90,84,43,01,731 |
| Heat required from coal (Primary Fuel)                       | F <sub>H</sub>      | $T_H - Oil_{Heat}$                               | kCal      | 90,48,84,21,938 |
| Normative coal consumption                                   | Coal <sub>con</sub> | $F_H / (Coal_{GCV} \times 1000)$                 | MT        | 25,790          |
| Normative coal required                                      | Coal <sub>req</sub> | $Coal_{con} / (1 - T_L \times 0.01)$             | MT        | 25,998          |
| Total coal cost on normative coal required                   | TC <sub>c</sub>     | $Coal_{req} \times Coal_{price}$                 | Rs        | 9,24,94,183     |
| Average energy cost for sent out energy                      | EC <sub>avg</sub>   | $(TC_c + Oil_c) / (E_g \times 10^6)$             | Rs/kWh    | 2.77            |
| Monthly fuel cost adjustment for per unit of sent out energy | MFCA                | $(EC_{avg} - EC_T - Adhoc\_F_{cost}) \times 100$ | paise/kWh | 51.44           |

**Applicable MFCA for Aug 2026 = 51 paise/kWh**

\*Fuel related cost payable for the preceding month has been taken based on presently approved road transportation cost and fuel cost to the extent bill received and verified.

While all other components of charges to the extent available within the permissible timeline as prescribed in the regulations have been considered, claim and reconciliation at this stage are provisional and continuing. Fuel cost in terms of applicable regulations shall be prayed through appropriate petition(s)

