

## National Electric Power Regulatory Authority

### NOTIFICATION



Islamabad, the 10<sup>th</sup> day of July, 2024

**S.R.O. 1059(I)/2024.**- In pursuance of Proviso-iv of Sub-Section 7 of Section 31 of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (XL of 1997) and in accordance with decision of the Authority dated June 10, 2016 in the matter of approval of Thar Coal Upfront Tariff for 2x660 MW Coal Power Plant of Thar Coal Block-I Power Generation Company (Pvt.) Limited (hereinafter refer as "TCB-I") the variable and fixed fuel cost component are subject to adjustment on the basis of coal price variation which determined by Thar Coal Energy Board (TCEB) and notified in the official Gazette, NEPRA hereby notifies the following adjustments in the approved tariff of TCB-I:

#### Annex: NEPRA-XII

#### Thar Coal Block-1 Power Generation Company (Pvt.) Limited

#### Schedule of Fuel Cost Part of Energy Charge

#### Post-COD Adjustment on Account of Thar Coal Price Variation for February 5-28, 2023

| Description                                           | Fixed Fuel Price     |                  |                           |                 |
|-------------------------------------------------------|----------------------|------------------|---------------------------|-----------------|
|                                                       | Invoiced Price       | Fixed Coal Price |                           |                 |
|                                                       | Rs.                  | US\$/Ton         | Exchange Rate<br>Rs./US\$ | Rs./Ton         |
| Fixed Fuel Price For 557,142.857 Tons (5-28 Feb 2023) | 4,261,014,642        | 28.50            | 268.35                    | 7,647.98        |
| <b>Total</b>                                          | <b>4,261,014,642</b> | <b>28.50</b>     | <b>268.35</b>             | <b>7,647.98</b> |

| Variable Fuel Price                             |                |                     |                           |                 |
|-------------------------------------------------|----------------|---------------------|---------------------------|-----------------|
| Description                                     | Quantity       | Variable Coal Price |                           |                 |
|                                                 | Tons           | US\$/Ton            | Exchange Rate<br>Rs./US\$ | Rs./Ton         |
| <b>Coal Consumption:</b>                        |                |                     |                           |                 |
| Consumption from Purchases During February 2023 | 397,655        | 16.47               | 268.35                    | 4,419.72        |
| <b>Total Consumption:</b>                       | <b>397,655</b> | <b>16.47</b>        | <b>268.35</b>             | <b>4,419.72</b> |

| Fuel Cost Component                           |           |                           |                       |                       |                       |
|-----------------------------------------------|-----------|---------------------------|-----------------------|-----------------------|-----------------------|
| Description                                   | Units     | Reference (June 10, 2016) |                       | Revised               |                       |
|                                               |           | Variable                  | Fixed                 | Variable              | Fixed                 |
| Avg. price of stock consumed/Fixed Fuel Price | Rs./Ton   | 1,393.43                  | 3,528.12              | 4,419.72              | 7,647.98              |
| Heat Rate                                     | Btu/kWh   | 8,751                     | 8,751                 | 8,749                 | -                     |
| Heating Value of Thar Coal                    | MMBTU/Ton | 11.005                    | 11.005                | 10.71                 | -                     |
| Capacity for the month                        | Gwh       | -                         | -                     | -                     | 698.7917              |
| <b>Fuel Cost Component</b>                    |           | <b>Rs. 1.1081/kWh</b>     | <b>Rs. 2.3848/kWh</b> | <b>Rs. 3.6104/kWh</b> | <b>Rs. 6.0977/kWh</b> |

Thar Coal & Energy Board vide its letter No. TCEB/Registrar/2-2/2015/FC Stage/5038 dated Sep 15, 2023 issued clarification to Sino Sindh Resources Ltd that they continued considering heat value of 11.30 MJ/kg, in line with the same that is available in feasibility stage. It shall be adjusted and actualized at COD Stage, if warranted.

Heating value shall be adjusted annually as per TCEB determination dated June 22, 2023.

The Coal Consumption is for the period of 5<sup>th</sup> to 28<sup>th</sup> February 2023.

Based on the data declared by Thar Coal Block-1 Power Generation Company (Pvt.) Limited

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**Thar Coal Block-1 Power Generation Company (Pvt.) Limited**  
**Schedule of Fuel Cost Part of Energy Charge**  
**Adjustment on Account of Thar Coal Price Variation For the Month of March 2023**

| Fixed Fuel Price                  |                      |                  |                            |                 |
|-----------------------------------|----------------------|------------------|----------------------------|-----------------|
| Description                       | Invoiced Price       | Fixed Coal Price |                            |                 |
|                                   | Rs.                  | US\$/Ton         | Exchange Rate<br>Rs./ US\$ | Rs./Ton         |
| Fixed Fuel Price For 650,000 Tons | 4,852,623,750        | 28.50            | 261.95                     | 7,465.58        |
| <b>Total</b>                      | <b>4,852,623,750</b> | <b>28.50</b>     | <b>268.35</b>              | <b>7,465.58</b> |

| Variable Fuel Price                          |                |                     |                            |                 |
|----------------------------------------------|----------------|---------------------|----------------------------|-----------------|
| Description                                  | Quantity       | Variable Coal Price |                            |                 |
|                                              | Tons           | US\$/Ton            | Exchange Rate<br>Rs./ US\$ | Rs./Ton         |
| <b>Coal Consumption:</b>                     |                |                     |                            |                 |
| Consumption from Purchases During March 2023 | 644,181        | 16.47               | 261.95                     | 4,314.32        |
| <b>Total Consumption:</b>                    | <b>644,181</b> | <b>16.47</b>        | <b>261.95</b>              | <b>4,314.32</b> |

| Fuel Cost Component                           |           |                           |                       |                       |                       |
|-----------------------------------------------|-----------|---------------------------|-----------------------|-----------------------|-----------------------|
| Description                                   | Units     | Reference (June 10, 2016) |                       | Revised               |                       |
|                                               |           | Variable                  | Fixed                 | Variable              | Fixed                 |
| Avg. price of stock consumed/Fixed Fuel Price | Rs./ Ton  | 1,393.43                  | 3,528.12              | 4,314.32              | 7,465.58              |
| Heat Rate                                     | Btu/kWh   | 8,751                     | 8,751                 | 8,749                 | -                     |
| Heating Value of Thar Coal                    | MMBTU/Ton | 11.005                    | 11.005                | 10.71                 | -                     |
| Capacity for the month                        | Gwh       | -                         | -                     | -                     | 902.6059              |
| <b>Fuel Cost Component</b>                    |           | <b>Rs. 1.1081/kWh</b>     | <b>Rs. 2.3848/kWh</b> | <b>Rs. 3.5243/kWh</b> | <b>Rs. 5.3762/kWh</b> |

Thar Coal & Energy Board vide its letter No. TCEB/Registrar/2-2/2015/FC Stage/5038 dated Sep 15, 2023 issued clarification to Sino Sindh Resources Ltd that they continued considering heat value of 11.30 MJ/kg, in line with the same that is available in feasibility stage. It shall be adjusted and actualized at COD Stage, if warranted.

Heating value shall be adjusted annually as per TCEB determination dated June 22, 2023.

The Coal Consumption is for the period of 1<sup>st</sup> to 31<sup>st</sup> March 2023.

Based on the data declared by Thar Coal Block-1 Power Generation Company (Pvt.) Limited

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**Thar Coal Block-1 Power Generation Company (Pvt.) Limited**  
**Schedule of Fuel Cost Part of Energy Charge**  
**Adjustment on Account of Thar Coal Price Variation For the Month of April 2023**

| Fixed Fuel Price                  |                      |                  |                            |                 |
|-----------------------------------|----------------------|------------------|----------------------------|-----------------|
| Description                       | Invoiced Price       | Fixed Coal Price |                            |                 |
|                                   | Rs.                  | US\$/ Ton        | Exchange Rate<br>Rs./ US\$ | Rs./Ton         |
| Fixed Fuel Price For 650,000 Tons | 5,264,805,000        | 28.50            | 284.20                     | 8,099.70        |
| <b>Total</b>                      | <b>5,264,805,000</b> | <b>28.50</b>     | <b>268.35</b>              | <b>8,099.70</b> |

| Variable Fuel Price                          |                |                     |                            |                 |
|----------------------------------------------|----------------|---------------------|----------------------------|-----------------|
| Description                                  | Quantity       | Variable Coal Price |                            |                 |
|                                              | Tons           | US\$/Ton            | Exchange Rate<br>Rs./ US\$ | Rs./Ton         |
| <b>Coal Consumption:</b>                     |                |                     |                            |                 |
| Consumption from Purchases During April 2023 | 683,522        | 16.47               | 284.20                     | 4,680.77        |
| <b>Total Consumption:</b>                    | <b>683,522</b> | <b>16.47</b>        | <b>284.20</b>              | <b>4,680.77</b> |

| Fuel Cost Component                           |           |                           |                       |                       |                       |
|-----------------------------------------------|-----------|---------------------------|-----------------------|-----------------------|-----------------------|
| Description                                   | Units     | Reference (June 10, 2016) |                       | Revised               |                       |
|                                               |           | Variable                  | Fixed                 | Variable              | Fixed                 |
| Avg. price of stock consumed/Fixed Fuel Price | Rs./ Ton  | 1,393.43                  | 3,528.12              | 4,680.77              | 8,099.70              |
| Heat Rate                                     | Btu/kWh   | 8,751                     | 8,751                 | 8,749                 | -                     |
| Heating Value of Thar Coal                    | MMBTU/Ton | 11.005                    | 11.005                | 10.71                 | -                     |
| Capacity for the month                        | Gwh       | -                         | -                     | -                     | 873.4896              |
| <b>Fuel Cost Component</b>                    |           | <b>Rs. 1.1081/kWh</b>     | <b>Rs. 2.3848/kWh</b> | <b>Rs. 3.8236/kWh</b> | <b>Rs. 6.0273/kWh</b> |

Thar Coal & Energy Board vide its letter No. TCEB/Registrar/2-2/2015/FC Stage/5038 dated Sep 15, 2023 issued clarification to Sino Sindh Resources Ltd that they continued considering heat value of 11.30 MJ/kg, in line with the same that is available in feasibility stage. It shall be adjusted and actualized at COD Stage, if warranted.

Heating value shall be adjusted annually as per TCEB determination dated June 22, 2023.

The Coal Consumption is for the period of 1<sup>st</sup> to 30<sup>th</sup> April 2023.

Based on the data declared by Thar Coal Block-1 Power Generation Company (Pvt.) Limited

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**Thar Coal Block-1 Power Generation Company (Pvt.) Limited**  
**Schedule of Fuel Cost Part of Energy Charge**  
**Adjustment on Account of Thar Coal Price Variation For the Month of May 2023**

| Fixed Fuel Price                  |                      |                  |                            |                 |
|-----------------------------------|----------------------|------------------|----------------------------|-----------------|
| Description                       | Invoiced Price       | Fixed Coal Price |                            |                 |
|                                   | Rs.                  | US\$/ Ton        | Exchange Rate<br>Rs./ US\$ | Rs. /Ton        |
| Fixed Fuel Price For 650,000 Tons | 5,266,657,500        | 28.50            | 284.30                     | 8,102.55        |
| <b>Total</b>                      | <b>5,266,657,500</b> | <b>28.50</b>     | <b>268.35</b>              | <b>8,102.55</b> |

| Variable Fuel Price                        |                |                     |                            |                 |
|--------------------------------------------|----------------|---------------------|----------------------------|-----------------|
| Description                                | Quantity       | Variable Coal Price |                            |                 |
|                                            | Tons           | US\$/Ton            | Exchange Rate<br>Rs./ US\$ | Rs./Ton         |
| <b>Coal Consumption:</b>                   |                |                     |                            |                 |
| Consumption from Purchases During May 2023 | 498,737        | 16.47               | 284.30                     | 4,682.42        |
| <b>Total Consumption:</b>                  | <b>498,737</b> | <b>16.47</b>        | <b>284.30</b>              | <b>4,682.42</b> |

| Fuel Cost Component                           |           |                           |                         |                      |                         |
|-----------------------------------------------|-----------|---------------------------|-------------------------|----------------------|-------------------------|
| Description                                   | Units     | Reference (June 10, 2016) |                         | Revised              |                         |
|                                               |           | Variable                  | Fixed                   | Variable             | Fixed                   |
| Avg. price of stock consumed/Fixed Fuel Price | Rs./ Ton  | 1,393.43                  | 3,528.12                | 4,682.42             | 8,102.55                |
| Heat Rate                                     | Btu/kWh   | 8,751                     | 8,751                   | 8,749                | -                       |
| Heating Value of Thar Coal                    | MMBTU/Ton | 11.005                    | 11.005                  | 10.71                | -                       |
| Capacity for the month                        | Gwh       | -                         | -                       | -                    | 902.6059                |
| <b>Fuel Cost Component</b>                    |           | <b>Rs. 1.1081/kWh</b>     | <b>Rs. 2.3848/kWh/h</b> | <b>Rs. 3.825/kWh</b> | <b>Rs. 5.8349/kWh/h</b> |

Thar Coal & Energy Board vide its letter No. TCEB/Registrar/2-2/2015/FC Stage/5038 dated Sep 15, 2023 issued clarification to Sino Sindh Resources Ltd that they continued considering heat value of 11.30 MJ/kg, in line with the same that is available in feasibility stage. It shall be adjusted and actualized at COD Stage, if warranted.

Heating value shall be adjusted annually as per TCEB determination dated June 22, 2023.

The Coal Consumption is for the period of 1<sup>st</sup> to 31<sup>st</sup> May 2023.

Based on the data declared by Thar Coal Block-1 Power Generation Company (Pvt.) Limited

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**Thar Coal Block-1 Power Generation Company (Pvt.) Limited**  
**Schedule of Fuel Cost Part of Energy Charge**  
**Adjustment on Account of Thar Coal Price Variation For the Month of June 2023**

| Fixed Fuel Price                  |                      |                  |                            |                 |
|-----------------------------------|----------------------|------------------|----------------------------|-----------------|
| Description                       | Invoiced Price       | Fixed Coal Price |                            |                 |
|                                   | Rs.                  | US\$/ Ton        | Exchange Rate<br>Rs./ US\$ | Rs. /Ton        |
| Fixed Fuel Price For 650,000 Tons | 5,295,371,250        | 28.50            | 285.85                     | 8,146.73        |
| <b>Total</b>                      | <b>5,295,371,250</b> | <b>28.50</b>     | <b>268.35</b>              | <b>8,146.73</b> |

| Variable Fuel Price                         |                |                     |                            |                 |
|---------------------------------------------|----------------|---------------------|----------------------------|-----------------|
| Description                                 | Quantity       | Variable Coal Price |                            |                 |
|                                             | Tons           | US\$/Ton            | Exchange Rate<br>Rs./ US\$ | Rs./Ton         |
| <b>Coal Consumption:</b>                    |                |                     |                            |                 |
| Consumption from Purchases During June 2023 | 571,354        | 16.47               | 285.85                     | 4,707.95        |
| <b>Total Consumption:</b>                   | <b>571,354</b> | <b>16.47</b>        | <b>285.85</b>              | <b>4,707.95</b> |

| Fuel Cost Component                           |           |                           |                       |                       |                       |
|-----------------------------------------------|-----------|---------------------------|-----------------------|-----------------------|-----------------------|
| Description                                   | Units     | Reference (June 10, 2016) |                       | Revised               |                       |
|                                               |           | Variable                  | Fixed                 | Variable              | Fixed                 |
| Avg. price of stock consumed/Fixed Fuel Price | Rs./ Ton  | 1,393.43                  | 3,528.12              | 4,707.95              | 8,146.73              |
| Heat Rate                                     | Btu/kWh   | 8,751                     | 8,751                 | 8,749                 | -                     |
| Heating Value of Thar Coal                    | MMBTU/Ton | 11.005                    | 11.005                | 10.71                 | -                     |
| Capacity for the month                        | Gwh       | -                         | -                     | -                     | 873.4896              |
| <b>Fuel Cost Component</b>                    |           | <b>Rs. 1.1081/kWh</b>     | <b>Rs. 2.3848/kWh</b> | <b>Rs. 3.8458/kWh</b> | <b>Rs. 6.0623/kWh</b> |

Thar Coal & Energy Board vide its letter No. TCEB/Registrar/2-2/2015/FC Stage/5038 dated Sep 15, 2023 issued clarification to Sino Sindh Resources Ltd that they continued considering heat value of 11.30 MJ/kg, in line with the same that is available in feasibility stage. It shall be adjusted and actualized at COD Stage, if warranted.

Heating value shall be adjusted annually as per TCEB determination dated June 22, 2023.

The Coal Consumption is for the period of 1<sup>st</sup> to 30<sup>th</sup> June 2023.

Based on the data declared by Thar Coal Block-1 Power Generation Company (Pvt.) Limited

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**Thar Coal Block-1 Power Generation Company (Pvt.) Limited**  
**Schedule of Fuel Cost Part of Energy Charge**  
**Adjustment on Account of Thar Coal Price Variation For the Month of July 2023**

| Fixed Fuel Price                  |                      |                  |                            |                 |
|-----------------------------------|----------------------|------------------|----------------------------|-----------------|
| Description                       | Invoiced Price       | Fixed Coal Price |                            |                 |
|                                   | Rs.                  | US\$/ Ton        | Exchange Rate<br>Rs./ US\$ | Rs. /Ton        |
| Fixed Fuel Price For 650,000 Tons | 5,305,560,000        | 28.50            | 286.40                     | 8,162.40        |
| <b>Total</b>                      | <b>5,305,560,000</b> | <b>28.50</b>     | <b>268.35</b>              | <b>8,162.40</b> |

| Variable Fuel Price                         |                |                     |                            |                 |
|---------------------------------------------|----------------|---------------------|----------------------------|-----------------|
| Description                                 | Quantity       | Variable Coal Price |                            |                 |
|                                             | Tons           | US\$/Ton            | Exchange Rate<br>Rs./ US\$ | Rs./Ton         |
| <b>Coal Consumption:</b>                    |                |                     |                            |                 |
| Consumption from Purchases During July 2023 | 686,002        | 16.47               | 286.40                     | 4,717.01        |
| <b>Total Consumption:</b>                   | <b>686,002</b> | <b>16.47</b>        | <b>286.40</b>              | <b>4,717.01</b> |

| Fuel Cost Component                           |           |                           |                       |                       |                      |
|-----------------------------------------------|-----------|---------------------------|-----------------------|-----------------------|----------------------|
| Description                                   | Units     | Reference (June 10, 2016) |                       | Revised               |                      |
|                                               |           | Variable                  | Fixed                 | Variable              | Fixed                |
| Avg. price of stock consumed/Fixed Fuel Price | Rs./ Ton  | 1,393.43                  | 3,528.12              | 4,717.01              | 8,162.40             |
| Heat Rate                                     | Btu/kWh   | 8,751                     | 8,751                 | 8,749                 | -                    |
| Heating Value of Thar Coal                    | MMBTU/Ton | 11.005                    | 11.005                | 10.71                 | -                    |
| Capacity for the month                        | Gwh       | -                         | -                     | -                     | 902.6059             |
| <b>Fuel Cost Component</b>                    |           | <b>Rs. 1.1081/kWh</b>     | <b>Rs. 2.3848/kWh</b> | <b>Rs. 3.8532/kWh</b> | <b>Rs. 5.878/kWh</b> |

Thar Coal & Energy Board vide its letter No. TCEB/Registrar/2-2/2015/FC Stage/5038 dated Sep 15, 2023 issued clarification to Sino Sindh Resources Ltd that they continued considering heat value of 11.30 MJ/kg, in line with the same that is available in feasibility stage. It shall be adjusted and actualized at COD Stage, if warranted.

Heating value shall be adjusted annually as per TCEB determination dated June 22, 2023.

The Coal Consumption is for the period of 1<sup>st</sup> to 31<sup>st</sup> July 2023.

Based on the data declared by Thar Coal Block-1 Power Generation Company (Pvt.) Limited

[Case No. NEPRA/TRF-360/TCB-1-2015]

(Engr. Mazhar Iqbal Ranjha)

Registrar



REGISTRAR

# National Electric Power Regulatory Authority Islamic Republic of Pakistan

NEPRA Tower, G-5/1, Attaturk Avenue, Islamabad

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No. NEPRA/ADG (Tariff)/TRF-Notifications/ 10545

July 10, 2024

The Manager  
Printing Corporation of Pakistan Press (PCPP)  
Khayaban-e-Suharwardi,  
Islamabad

Subject: **Publication of Notification of Fuel Price Adjustments**

Pursuant to amendment in Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997 (NEPRA Act) through Regulation of Generation, Transmission and Distribution of Electric Power (Amendment) Act 2011 (Act No. XVIII of 2011), the National Electric Power Regulatory Authority has been mandated to make the adjustments in the approved tariff on account of any variation in the fuel charges and notify the same in the official Gazette.

2. In exercise of power conferred by proviso-iv of sub-section 7 of Section 31 of NEPRA Act, the Authority has made adjustments in the approved tariff of various Generation Companies and the same will be notified in the official Gazette.

3. Enclosed please find herewith 18 notifications, regarding fuel price adjustments in approved tariff of various Generation Companies, as detailed below, for immediate publication in the official Gazette of Pakistan.

| Sr# | Company Name                                                                  | Decision by the Authority<br>(Description)                                                        |
|-----|-------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| 1.  | Attock Gen Ltd.                                                               | FCA for the months of January - May 2024                                                          |
| 2.  | Atlas Power Ltd.                                                              | FCA for the months of March - April 2024                                                          |
| 3.  | Nishat Power Ltd.                                                             | FCA for the month of October 2023                                                                 |
| 4.  | Saif Power Ltd.                                                               | FCA for RLNG [Aug. 2023 & April 2024]                                                             |
| 5.  | Orient Power Company Limited                                                  | FCA for RLNG [April 2024]                                                                         |
| 6.  | Sapphire Electric Co. Limited                                                 | FCA for RLNG [Oct. 2023 and March - April 2024]                                                   |
| 7.  | Northern Power Gen. Co. Ltd. - Nandipur Power Plant. [TRF-271]                | FCA for RLNG [April 2024]                                                                         |
| 8.  | Port Qasim Electric Power Company (Pvt.) Limited                              | Adjustment on Account of Coal Price Variation for the month of November 2023                      |
| 9.  | Engro Powergen Thar (Pvt.) Ltd. [TRF-301]                                     | Adjustment on Account of Coal Price Variation for period Dec. 2023 & January - April 2024         |
| 10. | Huangeng Shandong Ruyi Energy (Private) Company Limited                       | Adjustment on Account of Coal Price Variation for the months of February 2024 & April 2024        |
| 11. | Quaid-e-Azam Thermal Power (Pvt.) Limited                                     | FCA for RLNG [March - April 2024]                                                                 |
| 12. | National Power Parks Management Company Private Limited (Haveli Bahadar Shah) | FCA for RLNG [March - April 2024]                                                                 |
| 13. | National Power Parks Management Company Private Limited (Balloki)             | FCA for RLNG [March - April 2024]                                                                 |
| 14. | Thar Coal Block-I Power Generation Company (Pvt.) Limited                     | Adjustment on Account of Coal Price Variation for the period February 5-28, 2023 to July 31, 2023 |

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|     |                                                           |                                                                                                                                                                          |
|-----|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 15. | Thar Coal Block-I Power Generation Company (Pvt.) Limited | Adjustment on Account of Coal Price Variation for the months (Aug. – Nov 2023, Dec. 2022, Jan. – Feb. 2023, Dec. 2023 & Jan. – March 2024]                               |
| 16. | ThalNova Power Thar (Pvt.) Limited                        | Adjustment on Account of Coal Price Variation for the months (Dec. 2022 – April 2024]                                                                                    |
| 17. | Thar Energy Limited                                       | Adjustment on Account of Coal Price Variation for the months (Sep. 2022 – April 2024]                                                                                    |
| 18. | Punjab Thermal Power (Private) Limited                    | FCA for HSD w.e.f 03 <sup>rd</sup> July 2023, 10 <sup>th</sup> November, 2023 & 26 <sup>th</sup> December 2023 & FCA for RLNG [August 2023 – December 2023 & March 2024] |

4. Please note that the notifications will be issued company-wise and also furnish thirty five (35) copies of the Notifications to this Office after publication.

Encl: 18 Notifications

(Engr. Mazhar Iqbal Ranjha)  
Registrar