



Petroleum & Natural Gas
Regulatory Board, India

Petroleum and Natural Gas Regulatory Board Tariff Order

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| Subject | : | Unified Tariff (UFT), its zonal apportionment and ratios for invoicing to shippers, under the provisions of the Petroleum and Natural Gas Regulatory Board (Determination of Natural Gas Pipeline Tariff) Regulations, 2008, of National Gas Grid consisting of pipelines mentioned under Schedule C of Tariff Regulations. |
| Name of Pipeline | : | National Gas Grid System (“NGGS”) |
| Name of Pipeline Entities | : | GAIL (India) Limited, Indian Oil Corporation Limited, Pipeline Infrastructure Limited, Gujarat State Petronet Limited, Reliance Gas Pipelines Limited, GSPL India Gasnet Limited, GSPL India Transco Limited, Oil and Natural Gas Corporation Limited, Gujarat Gas Limited |
| File No | : | PNGRB/Com/10-NGPL Tariff (11)/2022 (P-4142) |

Ref. No. : TO/2022-23/09

Dated : 29th March, 2023

1. Regulatory Provisions:

- 1.1. In terms of Section 22 of the Petroleum and Natural Gas Regulatory Board Act, 2006 ("PNGRB Act"), the Board is entrusted with the responsibility of determining the natural gas pipeline tariff to be charged by the entities laying, building, operating or expanding a natural gas pipeline (“NGPL”). For the purpose of determining tariff by way of regulations, Board shall be guided by various factors including safeguard the consumer interest and at the same time recovery of cost of transportation in a reasonable manner.
- 1.2. The methodology for determination of NGPL tariff Determination of Unified Tariff has been specified in the relevant provisions of the Petroleum and Natural Gas Regulatory Board (Determination of Natural Gas Pipeline Tariff) Regulations, 2008 ("Tariff Regulations") notified on 20.11.2008. Further, the methodology for determination of unified tariff and its applicability has been inserted in the Tariff Regulations by way of amendment, i.e., PNGRB (Determination of Natural Gas Pipeline Tariff) Second Amendment Regulations, 2020, PNGRB (Determination of Natural Gas Pipeline Tariff) Second Amendment Regulations, 2022 and PNGRB (Determination of Natural Gas Pipeline Tariff) Amendment Regulations, 2023.

2. Regulatory Provisions:

- 2.1. Some of the definition(s) in terms of regulation 2 (1) of the Tariff Regulations pertaining to the unified tariff are as under:

(ea) “invoicing entity” means one or more authorized entities laying, building, operating or expanding natural gas pipeline(s) constituting part of national gas grid system and which raises the invoice on the shipper(s) for the Unified Contractual Path

(ec) “national gas grid system” means network of all such natural gas pipelines within India which are fully interconnected with each other (including those which are partly commissioned and so interconnected) and as enlisted in Schedule C to these regulations and the Board may, by order, amend the said Schedule C from time to time;

(ha) “Settlement Mechanism” means a mechanism enlisted as Schedule D which may be framed/modified/amended by the Board from time to time in consultation with the pipeline entities as detailed at Schedule C.

(l) “unified contractual path” means the route on the national gas grid system between the unified entry point and the unified exit point for the shipper(s); Provided that the Unified Contractual Path is to be confirmed by the shipper(s) at the time of capacity booking(s) and agreed by the transporter(s). Provided further that in case there are multiple shippers involved in transportation of gas on the Unified Contractual Path, details of all such shippers shall also be confirmed at the time of capacity bookings and accepted by the transporter(s).

(m) “unified entry point” means the point on the national gas grid system where a shipper injects natural gas which shall be confirmed by the shipper at the time of capacity booking and agreed by the transporter(s).

(n) “unified exit point” means the point on the national gas grid system from where a shipper evacuates natural gas which shall be confirmed by the shipper at time of capacity booking and agreed by the transporter(s).

(j) “tariff zones for unified tariff” means the-

- (i) first tariff zone for unified tariff of a length of three hundred kilometres from the unified entry point on either side of the national gas grid system;*
- (ii) second tariff zone for unified tariff of a length of more than three hundred kilometers and upto twelve hundred kilometers on either side of the first tariff zone of national gas grid system, or*
- (iii) third tariff zone for unified tariff being the remaining length of the national gas grid system on either side of second tariff zone for unified tariff;*

2.2. Regulation 5A as per the PNGRB (Determination of Natural Gas Pipeline Tariff) Second Amendment Regulations, 2020

5A. Procedure for Determination of Unified Tariff and matters incidental thereto:

(1) Notwithstanding anything contained in these regulations, Petroleum and Natural Gas Regulatory Board (Authorizing Entities to Lay, Build, Operate or Expand Natural Gas

Pipelines) Regulations, 2008 and any other regulation made under the Act and for the time being in force, invoicing entity shall raise invoice towards and collect the unified tariff for unified contractual path instead of the approved tariff from the shipper and the shipper shall be liable to pay such unified tariff to such invoicing entity.

Provided that if such unified contractual path consists of pipelines of different entities, then all such entities shall raise invoice towards applicable unified zonal tariff at a pre-defined ratio determined in accordance with the Settlement Mechanism and the shipper(s) shall be liable to pay such unified zonal tariff to such invoicing entities as per their respective invoices;

Provided further that the sum total of such unified tariff for a unified contractual path, charged by such invoicing entities on such shipper(s), shall be equal to the unified zonal tariff applicable for such unified contractual path.

Provided further that the applicable unified zonal tariff after multiplication with approved ratio shall be rounded to two (02) places of decimal.

Clarification: *This is to clarify that the shipper(s) will be charged tariff based on the applicable tariff zones for the unified contractual path.*

(2) The invoice referred to in sub-regulation (1), shall be raised for the quantity of gas delivered to the shipper by the transporter(s) at the exit point of the respective pipeline network forming part of the NGGS. The ship or pay quantity will be as per the respective Gas Transmission Agreement entered by the transporter(s). The invoice, including the invoice for ship or pay quantity, will be raised by each transporting entity involved in contractual path at a predefined ratio of applicable unified tariff. The ratio shall be derived in accordance with the Settlement Mechanism.

Provided that the entity laying, building, operating or expanding natural gas pipeline other than the one which is part of national gas grid system shall continue to charge the approved tariff from the shipper and the shipper shall continue to pay the approved tariff to such entity.

(3) Revenue entitlement of the entities laying, building, operating or expanding natural gas pipelines which are part of the national gas grid system under unified tariff system, shall be the revenue with reference to approved tariff for such natural gas pipelines, that is to say that the entities shall remain revenue neutral and the procedure for determination of unified tariff shall be as specified in Part A of Schedule B of these regulations and the procedure for settlement amongst the pipeline entities shall be as specified in Part B of Schedule B.

Provided that in case of any additional Goods and Service tax ("GST") implication on any entity due to implementation of unified tariff regulations (including settlement between entities), the same shall be included in the revenue entitlement of the respective entity for that year.

(4) Considering the experience and suggestions, if any, received from the stakeholders during the initial period of six months from the date of notification of this para, the Board may, by order notified in the official gazette, suitably modify the provisions of this regulation, wherever considered necessary, and on the issue of such order, this regulation shall be deemed to be modified accordingly.

3. **Authorization/Enlistment:** PNGRB issued grant of authorization to various pipelines forming a part of National Gas Grid system (NGGS) as per following table.

| S. No. | Entity Authorized | Pipeline Name | Date of Authorization /Extension / Enlistment |
|---------------|---|--|--|
| 1 | Indian Oil Corporation Limited | Dadri-Panipat | 05.01.2011 |
| 2 | Pipeline Infrastructure Limited | East West Natural Gas Pipeline. | 19.03.2013, 27.09.2018, 22.03.2019, 21.06.2019 |
| 3 | Gujarat State Petronet Limited | GSPL's High Pressure Gujarat Gas Grid, GSPL's Low Pressure Gujarat Gas Grid | 27.07.2012, 20.02.2020, 29.05.2020 19.03.2013 |
| 4 | Reliance Gas Pipelines Limited | Shahdol-Phulpur | 11.07.2013 |
| 5 | GSPL India Gasnet Limited | Mehsana – Bhatinda, Bhatinda - Jammu – Srinagar | 07.07.2011, 31.05.2012, 17.09.2014, 05.12.2018, 01.09.2020, 19.02.2020, 25.08.2021 07.07.2011, 31.05.2012, 17.09.2014, 05.12.2018, 25.02.2020, 13.08.2021 |
| 6 | GSPL India Transco Limited | Mallavaram-Bhopal-Bhilwara-Vijaipur. | 07.07.2011 |
| 7 | Oil and Natural Gas Corporation Limited | Uran Trombay Natural Gas Pipeline System | 03.05.2011 |
| 8 | Gujarat Gas Limited | Hazira Ankleshwar Natural Gas Pipeline System | 05.07.2012, 25.01.2016 |
| 9 | GAIL (India) Limited | KG Basin Natural Gas Pipeline | 12.05.2010, 05.04.2013 |

| | | | |
|----|----------------------|---|--|
| 10 | GAIL (India) Limited | Integrated Natural Gas Pipeline Network | Enlisted vide TO/22-23/07 dated 22.03.2023 |
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4. Details of public consultation exercise for determining tariff

4.1. Industry Committee was formed by PNGRB to develop the settlement mechanism in terms of the Tariff Regulations.

4.2. Based on the Industry committee recommendation on 28.02.2023, a public consultation document on draft Petroleum and Natural Gas Regulatory Board (Determination of Natural Gas Pipeline Tariff) Amendment Regulations, 2023 and Computation of Unified Tariff (UFT), its zonal apportionment into three unified zones and ratios for billing were webhosted on 01.03.2023. The Levelised Unified Tariff submitted by the committee was Rs.79.86/MMBTU and its zonal apportionment were Rs. 35.33/MMBTU for Zone 1, Rs.78.47/MMBTU for Zone 2 and Rs.104.61/MMBTU for Zone 3 on which stakeholder's comments were sought by 15.03.2023. Subsequently, the comments received from all the stakeholders were forwarded to the industry committee for their response followed by an open house held at 11AM on 23.03.2023 at PNGRB office, New Delhi. Unified Tariff submitted by the Settlement Committee was based on the following estimated volumes for FY 2023-24 on estimated Gross Calorific Value of 9450 KCal /SCM:

| Entity/Pipeline | Z1 | Z2 | Z3 | Z4 | Z5 | Total |
|-----------------|--------------|--------------|--------------|-------------|--------------|---------------|
| GAIL | 25.54 | 45.93 | 24.88 | - | - | 96.35 |
| GAIL KG | 3.00 | - | - | - | - | 3.00 |
| GSPL HP | 10.70 | 9.33 | 6.98 | - | - | 27.01 |
| GSPL LP | 6.70 | - | - | - | - | 6.70 |
| GITL | - | 2.09 | - | - | - | 2.09 |
| GIGL-MBPL | 0.12 | 3.43 | 1.52 | - | - | 5.06 |
| GIGL-BGPL | 0.06 | - | - | - | - | 0.06 |
| GGL | 0.76 | - | - | - | - | 0.76 |
| PIL | 1.03 | 0.51 | 0.28 | 3.78 | 26.23 | 31.84 |
| IOCL | 4.88 | - | - | - | - | 4.88 |
| ONGC | 3.35 | - | - | - | - | 3.35 |
| RGPL | 0.57 | - | - | - | - | 0.57 |
| Total | 56.71 | 61.28 | 33.67 | 3.78 | 26.23 | 181.67 |

5. Meanwhile, PNGRB vide tariff order no. TO/2022-23/07 dated 22nd March, 2023 and TO/2022-23/08 dated 24th March 2023 issued tariff review of ONGC's Uran Trombay Natural Gas Pipeline ("UTNGPL") and Zonal apportionment of Unit natural gas pipeline tariff of GAIL's Integrated Natural Gas Pipeline System ("INGPL") (Unit natural gas pipeline tariff vide TO /2022-23/06 dated 22nd March 2023), respectively.

5.1. **Revised Unified Tariff and Zonal Apportionment:** In order to incorporate the changes required in the Unified Tariff due to issuance of zonal tariffs of INGPL and tariff of UTNGPL, GAIL vide email dated 24.03.2023 submitted the revised zone wise estimated volumes (total estimated volumes 107.63 MMSCMD under eight zones in place of earlier

estimate of 96.08 MMSCMD in PCD dated 01.03.2023 under three zones) in respect of INGPL. Based on the same, revised unified tariff and its zonal apportionment worked out was Rs.80.36/MMBTU. The zonal apportionment of the same worked out as Rs.36.66/MMBTU for Zone 1, Rs.81.38/MMBTU for Zone 2 and Rs.108.49/MMBTU for Zone 3. Key assumptions are:

- a) Unified Zone 1 Tariff as 45% of Unified Zone 2 Tariff, Unified Zone 2 tariff as 75% of Unified Zone 3 tariff,
- b) Volumes in Unified Zone 1 as 23%, Unified Zone 2 as 42% and Unified Zone 3 as 35%,
- c) Total volume flow in various pipelines as 196.94 MMSCMD (81.67 MMSCMD Single volume flow and 57.63 MMSCMD Common volumes),

Revenue entitlement of the pipeline entities worked out as Rs.15,310 Crore based on the following pipeline wise estimated volumes for FY 2023-24 and estimated Gross Calorific Value of 9450 KCal /SCM:

MMSCMD

| Entity/ Pipeline | Z1 | Z2 | Z3 | Z4 | Z5 | Z6 | Z7 | Z8 | Total |
|------------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|---------------|
| GAIL | 27.05 | 7.43 | 20.54 | 26.88 | 17.81 | 8.11 | 0.10 | 0.01 | 107.93 |
| KG Basin | 4.18 | - | - | - | - | - | - | - | 4.18 |
| GSPL HP | 10.70 | 9.33 | 6.98 | - | - | - | - | - | 27.01 |
| GSPL LP | 8.70 | - | - | - | - | - | - | - | 8.70 |
| GITL | - | 2.09 | - | - | - | - | - | - | 2.09 |
| GIGL-MBPL | 0.62 | 3.43 | 1.52 | - | - | - | - | - | 5.56 |
| GIGL-BGPL | 0.06 | - | - | - | - | - | - | - | 0.06 |
| GGL | 0.76 | - | - | - | - | - | - | - | 0.76 |
| PIL | 1.03 | 0.51 | 0.28 | 3.78 | 26.23 | - | - | - | 31.84 |
| IOCL | 4.88 | - | - | - | - | - | - | - | 4.88 |
| ONGC | 3.35 | - | - | - | - | - | - | - | 3.35 |
| RGPL | 0.57 | - | - | - | - | - | - | - | 0.57 |
| Total | 61.91 | 22.79 | 29.33 | 30.66 | 44.04 | 8.11 | 0.10 | 0.01 | 196.94 |

5.2. **Review of Unified Tariff, Zonal apportionment and ratios:** Actual data was sought from pipeline entities for the period from April 2022 to February 2023, December 2022 to February 2023 and estimated data for FY 2023-24. As per the data submitted by the entities it was observed that entities have submitted partial data / inter entity data submitted by the entities were not in sync with data provided by each entity.

Unified tariff is an unprecedented and a major tariff reform and it was observed from the data submitted by the pipeline entities that the actual linking of the gas volume flow from multiple entities pipeline (from source till it reaches to the actual consumption which in many cases are different pipelines for common volumes) is not being maintained by the pipeline entities.

In view of the above, following changes in the data submitted by the pipeline entities based on certain assumptions and estimated Gross Calorific Value of 9450 Kcal/SCM:

- a) PIL volumes have been considered as 23.58 MMSCMD based on historical actual volume flows for the period April 2022 to February 2023 and December 2022 to February 2023, in place of estimated volume of 31.75 MMSCMD for FY2023-24 submitted by the entity.
- b) Some of the volumes of GAIL have been shifted to Zone 2 in place of subsequent zones considering expected commissioning of Dhamra LNG terminal during the first year i.e. 2023-24.

The revised unified tariff worked out based on the above modifications is Rs.73.93/MMBTU (including Rs.0.19/MMBTU on account of GST on settlement amount), the zonal apportionment of which will be Rs.39.45/MMBTU for Zone-1, Rs.74.97/MMBTU for Zone-2 and Rs.99.90/MMBTU for Zone-3 (including Rs.0.19/MMBTU on account of GST on settlement amount). Key assumptions considered for calculations are as under:

- a) Unified Zone 1 tariff as 52.5% of Unified Zone 2 (based on PNGRB (Determination of Natural Gas Pipeline Tariff) Amendment Regulations, 2023) tariff and Unified Zone 2 tariff as 75% of Unified Zone 3 tariff,
- b) Volumes in Unified Zone 1 as 23%, Unified Zone 2 as 42% and Unified Zone 3 as 35%,
- c) Total volume flow in various pipelines as 188.75 MMSCMD (87.64 MMSCMD Single flow volumes and 50.55 MMSCMD Common volumes),
- d) Revenue entitlement of the pipeline entities worked out as Rs.14,060 Crore based on the following pipeline wise revised estimated volumes for FY 2023-24 and Gross Calorific Value of 9450 KCal /SCM:

MMSCMD

| Entity/ Pipeline | Z1 | Z2 | Z3 | Z4 | Z5 | Z6 | Z7 | Z8 | Total |
|------------------|--------------|--------------|--------------|--------------|--------------|-------------|-------------|-------------|---------------|
| GAIL | 27.05 | 20.96 | 14.53 | 19.36 | 17.81 | 8.11 | 0.10 | 0.01 | 107.93 |
| KG Basin | 4.18 | - | - | - | - | - | - | - | 4.18 |
| GSPL HP | 10.70 | 9.33 | 6.98 | - | - | - | - | - | 27.01 |
| GSPL LP | 8.70 | - | - | - | - | - | - | - | 8.70 |
| GITL | - | 2.09 | - | - | - | - | - | - | 2.09 |
| GIGL-MBPL | 0.62 | 3.43 | 1.52 | - | - | - | - | - | 5.56 |
| GIGL-BGPL | 0.06 | - | - | - | - | - | - | - | 0.06 |
| GGL | 0.76 | - | - | - | - | - | - | - | 0.76 |
| PIL | 1.03 | 0.51 | 0.28 | 3.78 | 18.04 | - | - | - | 23.65 |
| IOCL | 4.88 | - | - | - | - | - | - | - | 4.88 |
| ONGC | 3.35 | - | - | - | - | - | - | - | 3.35 |
| RGPL | 0.57 | - | - | - | - | - | - | - | 0.57 |
| Total | 61.91 | 36.32 | 23.31 | 23.14 | 35.85 | 8.11 | 0.10 | 0.01 | 188.75 |

PNGRB's Conclusion: Clause 2 of Part A of Schedule B of NGPL Tariff Regulations inter alia provides that, *“The Board may determine revised unified tariff during the financial year in case it deems it necessary to do so. Without prejudice to the generality of the foregoing provision, the Board may do so in case any new interconnected pipeline is added or an existing interconnected pipeline is removed, or approved tariff in respect of any interconnected pipeline is revised, or the quantity of gas estimated to be transported including ship or pay quantity considered by the Board for determining the unified tariff undergoes a significant change.”*

In view of the above regulatory provisions and in absence of the actual duly reconciled data provided by the pipeline entities, development of required IT infrastructure to track the molecule, initial experiences in the implementation of Unified tariff reforms, it is expected that frequency of revision in the unified tariff may be at shorter intervals based on the various factors including the deficit / surplus generated with the pipeline entities.

The tariff in para 5.2 has been worked out based on information provided by the pipeline entities, recommendations of Industry committee except as follows:

- a) actual volumes of PIL during April, 2022 to February 2023 has been considered
- b) volumes of GAIL have been shifted to Zone 2 in place of subsequent zones considering expected commissioning of Dhamra LNG terminal during the first year i.e. 2023-24.

The volume data used for determination of Unified Tariff is based on certain assumptions which may vary from actuals volume flow. The estimated annual deficit based on the calculations made in para 5.1 and 5.2 works out to around Rs.1,250 Crore. However, actual deficit or surplus would depend on the actual volume flows and calorific value which will be trued up in the next tariff review.

Based on the unified tariff determined as above in 5.2, following ratios and entity wise tariff have been finalized which will be charged by each entity with respect to respective tariff path.

| Tariff Path | Unified Zone | Entity | | | | Unified Tariff Ratios | | | |
|---------------------------------|--------------|----------|----------|----------|----------|-----------------------|--------------------|--------------------|--------------------|
| | | Entity 1 | Entity 2 | Entity 3 | Entity 4 | Ratio for Entity 1 | Ratio for Entity 2 | Ratio for Entity 3 | Ratio for Entity 4 |
| GAIL | Z1 | GAIL | | | | 100.00% | 0.00% | 0.00% | 0.00% |
| GAIL | Z2 | GAIL | | | | 100.00% | 0.00% | 0.00% | 0.00% |
| GAIL | Z3 | GAIL | | | | 100.00% | 0.00% | 0.00% | 0.00% |
| KG Basin | Z1 | KG Basin | | | | 100.00% | 0.00% | 0.00% | 0.00% |
| GSPL HP | Z1 | GSPL HP | | | | 100.00% | 0.00% | 0.00% | 0.00% |
| GSPL HP | Z2 | GSPL HP | | | | 100.00% | 0.00% | 0.00% | 0.00% |
| GSPL LP | Z1 | GSPL LP | | | | 100.00% | 0.00% | 0.00% | 0.00% |
| GIGL | Z1 | GIGL | | | | 100.00% | 0.00% | 0.00% | 0.00% |
| PIL | Z1 | PIL | | | | 100.00% | 0.00% | 0.00% | 0.00% |
| PIL | Z2 | PIL | | | | 100.00% | 0.00% | 0.00% | 0.00% |
| GAIL, IOCL | Z3 | GAIL | IOCL | | | 89.00% | 11.00% | 0.00% | 0.00% |
| ONGC, GAIL | Z1 | ONGC | GAIL | | | 30.00% | 70.00% | 0.00% | 0.00% |
| RGPL, GAIL | Z2 | RGPL | GAIL | | | 90.00% | 10.00% | 0.00% | 0.00% |
| RGPL, GAIL | Z3 | RGPL | GAIL | | | 90.00% | 10.00% | 0.00% | 0.00% |
| GAIL, GIGL | Z3 | GAIL | GIGL | | | 90.00% | 10.00% | 0.00% | 0.00% |
| GSPL HP, GIGL | Z1 | GSPL HP | GIGL | | | 55.00% | 45.00% | 0.00% | 0.00% |
| GSPL HP, GIGL | Z2 | GSPL HP | GIGL | | | 48.00% | 52.00% | 0.00% | 0.00% |
| GAIL, GITL, PIL | Z3 | GAIL | GITL | PIL | | 14.00% | 23.00% | 63.00% | 0.00% |
| PIL, GSPL HP, GSPL LP, KG Basin | Z3 | PIL | GSPL HP | GSPL LP | KG Basin | 70.00% | 10.00% | 10.00% | 10.00% |
| GAIL, PIL, KG Basin | Z3 | GAIL | PIL | KG Basin | | 55.00% | 24.00% | 21.00% | 0.00% |
| PIL, KG Basin | Z1 | PIL | KG Basin | | | 90.00% | 10.00% | 0.00% | 0.00% |
| GSPL HP, PIL | Z3 | GSPL HP | PIL | | | 10.00% | 90.00% | 0.00% | 0.00% |
| GSPL HP, GAIL | Z1 | GSPL HP | GAIL | | | 10.00% | 90.00% | 0.00% | 0.00% |
| GAIL, PIL | Z2 | GAIL | PIL | | | 10.00% | 90.00% | 0.00% | 0.00% |
| GAIL, PIL | Z3 | GAIL | PIL | | | 14.00% | 86.00% | 0.00% | 0.00% |
| PIL, GAIL, IOCL | Z3 | PIL | GAIL | IOCL | | 80.00% | 10.00% | 10.00% | 0.00% |
| GGL | Z1 | GGL | | | | 100.00% | 0.00% | 0.00% | 0.00% |
| GGL, GSPL HP | Z1 | GGL | GSPL HP | | | 10.00% | 90.00% | 0.00% | 0.00% |
| GGL, GSPL LP | Z1 | GGL | GSPL LP | | | 10.00% | 90.00% | 0.00% | 0.00% |
| GSPL HP, GSPL LP | Z1 | GSPL HP | GSPL LP | | | 70.00% | 30.00% | 0.00% | 0.00% |
| GSPL HP, GSPL LP | Z2 | GSPL HP | GSPL LP | | | 42.00% | 58.00% | 0.00% | 0.00% |
| PIL, GSPL HP, GSPL LP | Z3 | PIL | GSPL HP | GSPL LP | | 80.00% | 10.00% | 10.00% | 0.00% |

Unified Tariff Path wise Entity wise Tariff chargeable to the shipper

Rs. in MMBTU

| Tariff Path | Unified Zone | Entity | | | | Unified Tariff | Tariff to invoiced by individual entities | | | |
|---------------------------------|--------------|----------|----------|----------|----------|----------------|---|---------------------|---------------------|---------------------|
| | | Entity 1 | Entity 2 | Entity 3 | Entity 4 | | Tariff for Entity 1 | Tariff for Entity 2 | Tariff for Entity 3 | Tariff for Entity 4 |
| GAIL | Z1 | GAIL | | | | 39.45 | 39.45 | 0.00 | 0.00 | 0.00 |
| GAIL | Z2 | GAIL | | | | 74.97 | 74.97 | 0.00 | 0.00 | 0.00 |
| GAIL | Z3 | GAIL | | | | 99.90 | 99.90 | 0.00 | 0.00 | 0.00 |
| KG Basin | Z1 | KG Basin | | | | 39.45 | 39.45 | 0.00 | 0.00 | 0.00 |
| GSPL HP | Z1 | GSPL HP | | | | 39.45 | 39.45 | 0.00 | 0.00 | 0.00 |
| GSPL HP | Z2 | GSPL HP | | | | 74.97 | 74.97 | 0.00 | 0.00 | 0.00 |
| GSPL LP | Z1 | GSPL LP | | | | 39.45 | 39.45 | 0.00 | 0.00 | 0.00 |
| GIGL | Z1 | GIGL | | | | 39.45 | 39.45 | 0.00 | 0.00 | 0.00 |
| PIL | Z1 | PIL | | | | 39.45 | 39.45 | 0.00 | 0.00 | 0.00 |
| PIL | Z2 | PIL | | | | 74.97 | 74.97 | 0.00 | 0.00 | 0.00 |
| GAIL, IOCL | Z3 | GAIL | IOCL | | | 99.90 | 88.91 | 10.99 | 0.00 | 0.00 |
| ONGC, GAIL | Z1 | ONGC | GAIL | | | 39.45 | 11.84 | 27.61 | 0.00 | 0.00 |
| RGPL, GAIL | Z2 | RGPL | GAIL | | | 74.97 | 67.47 | 7.50 | 0.00 | 0.00 |
| RGPL, GAIL | Z3 | RGPL | GAIL | | | 99.90 | 89.91 | 9.99 | 0.00 | 0.00 |
| GAIL, GIGL | Z3 | GAIL | GIGL | | | 99.90 | 89.91 | 9.99 | 0.00 | 0.00 |
| GSPL HP, GIGL | Z1 | GSPL HP | GIGL | | | 39.45 | 21.70 | 17.75 | 0.00 | 0.00 |
| GSPL HP, GIGL | Z2 | GSPL HP | GIGL | | | 74.97 | 35.99 | 38.98 | 0.00 | 0.00 |
| GAIL, GITL, PIL | Z3 | GAIL | GITL | PIL | | 99.90 | 13.99 | 22.98 | 62.93 | 0.00 |
| PIL, GSPL HP, GSPL LP, KG Basin | Z3 | PIL | GSPL HP | GSPL LP | KG Basin | 99.90 | 69.93 | 9.99 | 9.99 | 9.99 |
| GAIL, PIL, KG Basin | Z3 | GAIL | PIL | KG Basin | | 99.90 | 54.95 | 23.98 | 20.97 | 0.00 |
| PIL, KG Basin | Z1 | PIL | KG Basin | | | 39.45 | 35.51 | 3.94 | 0.00 | 0.00 |
| GSPL HP, PIL | Z3 | GSPL HP | PIL | | | 99.90 | 9.99 | 89.91 | 0.00 | 0.00 |
| GSPL HP, GAIL | Z1 | GSPL HP | GAIL | | | 39.45 | 3.95 | 35.50 | 0.00 | 0.00 |
| GAIL, PIL | Z2 | GAIL | PIL | | | 74.97 | 7.50 | 67.47 | 0.00 | 0.00 |
| GAIL, PIL | Z3 | GAIL | PIL | | | 99.90 | 13.99 | 85.91 | 0.00 | 0.00 |
| PIL, GAIL, IOCL | Z3 | PIL | GAIL | IOCL | | 99.90 | 79.92 | 9.99 | 9.99 | 0.00 |
| GGL | Z1 | GGL | | | | 39.45 | 39.45 | 0.00 | 0.00 | 0.00 |
| GGL,GSPL HP | Z1 | GGL | GSPL HP | | | 39.45 | 3.95 | 35.50 | 0.00 | 0.00 |
| GGL,GSPL LP | Z1 | GGL | GSPL LP | | | 39.45 | 3.95 | 35.50 | 0.00 | 0.00 |
| GSPL HP, GSPL LP | Z1 | GSPL HP | GSPL LP | | | 39.45 | 27.62 | 11.83 | 0.00 | 0.00 |
| GSPL HP, GSPL LP | Z2 | GSPL HP | GSPL LP | | | 74.97 | 31.49 | 43.48 | 0.00 | 0.00 |
| PIL, GSPL HP, GSPL LP | Z3 | PIL | GSPL HP | GSPL LP | | 99.90 | 79.92 | 9.99 | 9.99 | 0.00 |

6. Decision

6.1. The Unified Tariff w.e.f. 01.04.2023 shall be Rs.73.93/MMBTU (including additional GST implication of Rs.0.19/MMBTU) on GCV basis having Unified zonal tariffs w.e.f. 01.04.2023 as follows:

| Unified Zone | Tariff (Rs./MMBTU on GCV basis)* |
|--------------|----------------------------------|
| Zone 1 | 39.45 |
| Zone 2 | 74.97 |
| Zone 3 | 99.90 |

*includes additional GST implication of Rs.0.19/MMBTU on settlement amount between Pipeline entities.

6.2. The unified zonal tariffs to be charged by the entity(ies) in respect of various tariff paths w.e.f. 01.04.2023 shall be as follows:

| Tariff Path | Unified Zone | Entity | | | | Unified Tariff | Rs. in MMBTU Tariff to invoiced by individual entities | | | |
|---------------------------------|--------------|----------|----------|----------|----------|----------------|---|---------------------|---------------------|---------------------|
| | | Entity 1 | Entity 2 | Entity 3 | Entity 4 | | Tariff for Entity 1 | Tariff for Entity 2 | Tariff for Entity 3 | Tariff for Entity 4 |
| | | | | | | | | | | |
| GAIL | Z1 | GAIL | | | | 39.45 | 39.45 | 0.00 | 0.00 | 0.00 |
| GAIL | Z2 | GAIL | | | | 74.97 | 74.97 | 0.00 | 0.00 | 0.00 |
| GAIL | Z3 | GAIL | | | | 99.90 | 99.90 | 0.00 | 0.00 | 0.00 |
| KG Basin | Z1 | KG Basin | | | | 39.45 | 39.45 | 0.00 | 0.00 | 0.00 |
| GSPL HP | Z1 | GSPL HP | | | | 39.45 | 39.45 | 0.00 | 0.00 | 0.00 |
| GSPL HP | Z2 | GSPL HP | | | | 74.97 | 74.97 | 0.00 | 0.00 | 0.00 |
| GSPL LP | Z1 | GSPL LP | | | | 39.45 | 39.45 | 0.00 | 0.00 | 0.00 |
| GIGL | Z1 | GIGL | | | | 39.45 | 39.45 | 0.00 | 0.00 | 0.00 |
| PIL | Z1 | PIL | | | | 39.45 | 39.45 | 0.00 | 0.00 | 0.00 |
| PIL | Z2 | PIL | | | | 74.97 | 74.97 | 0.00 | 0.00 | 0.00 |
| GAIL, IOCL | Z3 | GAIL | IOCL | | | 99.90 | 88.91 | 10.99 | 0.00 | 0.00 |
| ONGC, GAIL | Z1 | ONGC | GAIL | | | 39.45 | 11.84 | 27.61 | 0.00 | 0.00 |
| RGPL, GAIL | Z2 | RGPL | GAIL | | | 74.97 | 67.47 | 7.50 | 0.00 | 0.00 |
| RGPL, GAIL | Z3 | RGPL | GAIL | | | 99.90 | 89.91 | 9.99 | 0.00 | 0.00 |
| GAIL, GIGL | Z3 | GAIL | GIGL | | | 99.90 | 89.91 | 9.99 | 0.00 | 0.00 |
| GSPL HP, GIGL | Z1 | GSPL HP | GIGL | | | 39.45 | 21.70 | 17.75 | 0.00 | 0.00 |
| GSPL HP, GIGL | Z2 | GSPL HP | GIGL | | | 74.97 | 35.99 | 38.98 | 0.00 | 0.00 |
| GAIL, GITL, PIL | Z3 | GAIL | GITL | PIL | | 99.90 | 13.99 | 22.98 | 62.93 | 0.00 |
| PIL, GSPL HP, GSPL LP, KG Basin | Z3 | PIL | GSPL HP | GSPL LP | KG Basin | 99.90 | 69.93 | 9.99 | 9.99 | 9.99 |
| GAIL, PIL, KG Basin | Z3 | GAIL | PIL | KG Basin | | 99.90 | 54.95 | 23.98 | 20.97 | 0.00 |
| PIL, KG Basin | Z1 | PIL | KG Basin | | | 39.45 | 35.51 | 3.94 | 0.00 | 0.00 |
| GSPL HP, PIL | Z3 | GSPL HP | PIL | | | 99.90 | 9.99 | 89.91 | 0.00 | 0.00 |
| GSPL HP, GAIL | Z1 | GSPL HP | GAIL | | | 39.45 | 3.95 | 35.50 | 0.00 | 0.00 |
| GAIL, PIL | Z2 | GAIL | PIL | | | 74.97 | 7.50 | 67.47 | 0.00 | 0.00 |
| GAIL, PIL | Z3 | GAIL | PIL | | | 99.90 | 13.99 | 85.91 | 0.00 | 0.00 |
| PIL, GAIL, IOCL | Z3 | PIL | GAIL | IOCL | | 99.90 | 79.92 | 9.99 | 9.99 | 0.00 |
| GGL | Z1 | GGL | | | | 39.45 | 39.45 | 0.00 | 0.00 | 0.00 |
| GGL,GSPL HP | Z1 | GGL | GSPL HP | | | 39.45 | 3.95 | 35.50 | 0.00 | 0.00 |
| GGL,GSPL LP | Z1 | GGL | GSPL LP | | | 39.45 | 3.95 | 35.50 | 0.00 | 0.00 |
| GSPL HP, GSPL LP | Z1 | GSPL HP | GSPL LP | | | 39.45 | 27.62 | 11.83 | 0.00 | 0.00 |
| GSPL HP, GSPL LP | Z2 | GSPL HP | GSPL LP | | | 74.97 | 31.49 | 43.48 | 0.00 | 0.00 |
| PIL, GSPL HP, GSPL LP | Z3 | PIL | GSPL HP | GSPL LP | | 99.90 | 79.92 | 9.99 | 9.99 | 0.00 |

Sd/-

(Gajendra Singh)

Member-I

Sd/-

(Anjani Kumar Tiwari)

Member-II

Sd/-

(Ajit Kumar Pande)

Member (Legal)
