



Petroleum and Natural Gas Regulatory Board
Tariff Order

Subject	:	Unified Tariff (UFT), its Zonal apportionment, Unified Tariff Paths, ratios and entity wise tariff 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 for the period from 01.04.2024 to 31.05.2024.
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-NGPLTariff(11)/2022Vol-II-Part(3) (P-5045)

Ref. No.: TO/2023-24/12

Dated: 28th March, 2024

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 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 (“Amendment 2023”).

2. Tariff Submission by Settlement Committee: The Settlement Committee (“SC”) vide email dated 29.01.2024 submitted Unified Tariff with effect from 01.04.2024 with the Unified Zone

1 Tariff of Rs.37.97/MMBTU, Unified Zone 2 Tariff of Rs. 84.38/MMBTU and Unified Zone 3 Tariff of Rs.112.50/MMBTU based on the estimated volumes for FY 2024-25. Further, the SC in its submission submitted 116 paths replacing one tariff path GSPL HP – PIL- GSPL HP Zone 2 with a new tariff path GSPL HP – GAIL Zone 3.

3. Volumes considered by the settlement committee in various pipelines and zones are considered in MMBTU. The same have been converted in MMSCMD terms based on the estimated calorific value of 9500 Kcal (GCV) to maintain uniformity.

MMSCMD

	Zone1	Zone2	Zone3	Zone4	Zone5	Zone6	Zone7	Zone8	Zone9	Total
GAIL Integrated	34.09	9.37	16.22	39.85	12.32	1.57	1.73	-	0.03	115.18
GAIL KG Basin	5.20	-	-	-	-	-	-	-	-	5.20
GSPL HP	11.14	14.34	0.05	-	-	-	-	-	-	25.53
GSPL LP	5.72	-	-	-	-	-	-	-	-	5.72
PIL	1.97	0.61	0.06	13.86	23.27	-	-	-	-	39.77
RGPL	0.71	-	-	-	-	-	-	-	-	0.71
GITL	1.95	0.01	-	-	-	-	-	-	-	1.96
GIGL-BGPL	0.06	-	-	-	-	-	-	-	-	0.06
GIGL	0.76	1.74	0.79	-	-	-	-	-	-	3.29
ONGC	3.67	-	-	-	-	-	-	-	-	3.67
IOCL	6.48	-	-	-	-	-	-	-	-	6.48
GGL	0.48	-	-	-	-	-	-	-	-	0.48
Total	72.23	26.07	17.12	53.71	35.59	1.57	1.73	-	0.03	208.05

4. As per the submission made by SC, deficit amount accumulated during the period from April-23 to Dec-23 of Rs.65.30 Crore has been considered in calculating the UFT for FY 2024-25. As per the updated data shared by SC till Feb-2024, the deficit amount has reduced to Rs.32.76 Crore.
5. Settlement Committee in its submission has also considered the supply from line laid by the GIGL from Rohtak to Panipat from July 2023 to February 2024 for which proceeding is pending with PNGRB and the matter is sub-judice. The deficit amount of Rs.32.76 Crore submitted by SC is inclusive of Rs.54.91 Crore charged in the Unified Tariff mechanism due to partial inclusion of tariff for supply made from the said pipeline section. Since the said matter of pipeline section laid by GIGL is sub-judice and is pending with PNGRB, therefore, the same cannot be considered as part of the Unified Tariff System. Accordingly, the deficit amount of Rs.32.76 Crore (till Feb-2024) submitted by SC stands revised to surplus of Rs.22.15 Crore.
6. **Meeting with Industry Committee:** In order to discuss the Unified Tariff submitted by the SC a meeting with the members of the Industry Committee held on 22.03.2024 at PNGRB office. In this regard, the Board observed that the trend since July-23 was of gradual reduction in accumulated deficit till February 2024. In support of considering the accumulated deficit of Rs.65.30 Crore in the Unified Tariff, Settlement Committee submitted that some fertilizer

plants have gone into shutdown (annual maintenance) in the month of March' 24. This may result in generation of deficit for the month of March' 2024. Therefore, it may be prudent to considered the deficit of Rs.65.30 Crore, for the purpose of calculation of Unified Tariff for FY 24-25.

In response to PNGRB's query for reviewing the estimated volumes during the meeting, the Settlement Committee vide email dated 26.03.2024 submitted that the Industry Committee had deliberated on the estimated volumes and observed that in view of the various ongoing activities like inclusion of North East Natural Gas Pipeline Grid of Indradhanush Gas Grid Limited in the NGGS for the purpose of Unified tariff, duration of shut down of fertilizer plants, pending review of tariff for some of the pipeline(s), Power Plant policy for using natural gas, tariff for GIGL-IOCL connectivity, etc. and the time available till 31st March 2024, it would be appropriate to review the volumes once clarity emerges on these issues.

Accordingly, the Settlement Committee requested PNGRB to kindly approve the UFT for FY 24-25 basis the data submitted by Settlement committee. Settlement Committee further submitted that, if required, the working of Unified Tariff for FY 24-25 can be reviewed in next 2-3 months once the clarity emerges on the above mentioned issues.

7. PNGRB's Conclusion:

- 7.1. In view of the response from Settlement Committee wherein it has requested to approve the Unified Tariff for FY 24-25 on the basis of the data already submitted by Settlement Committee and if required the Unified Tariff may be reviewed after 2-3 months. Further, since PNGRB is in the process of determination of tariff for various pipelines which are part of the National Gas Grid System including pipelines which are also expected to be added to the National Gas Grid System during FY2024-25, it has been decided to continue the prevailing unified tariff issued vide tariff order no. TO/2023-24/04 dated 27th June 2023 till 31.05.2024, except the changes as mentioned in this tariff order.

Tariff Zone for Unified Tariff	Tariff (in Rs. / MMBTU on GCV Basis)
Zone 1	40.00
Zone 2	79.00
Zone 3	114.52

- 7.2. **Unified Tariff Paths:** PNGRB in its TO dated 27.06.2023 had approved total of 116 tariff paths and SC in its current tariff submission also submitted 116 tariff paths. The tariff paths are indicative only of the pipelines for flow of the natural gas and applicable tariff zone and are not directional in nature. Based on the recommendation of the SC, PNGRB has approved following two tariff paths PIL-GSPL HP-GSPL HP Zone 2 and GSPL HP – PIL – GSPL HP Zone 2. PNGRB has now replaced the tariff path GSPL HP – PIL- GSPL HP Zone 2 with a new tariff path GSPL HP – GAIL Zone 3. Further, the tariff paths which contain single pipeline more than once are not made part of the list of approved tariff path for FY 2024-25. Accordingly, following 88 tariff paths are approved for FY 24-25.

S.N.	Tariff Path	Unified Zone	S.N.	Tariff Path	Unified Zone
1	RGPL GAIL PIL KG Basin	Z3	45	GGL GSPL LP	Z1
2	RGPL GAIL PIL GSPL HP	Z3	46	ONGC GAIL	Z2
3	KG Basin PIL GAIL IOCL	Z3	47	RGPL GAIL GSPL HP	Z3
4	GIGL GSPL HP PIL GAIL	Z3	48	KG Basin PIL	Z3
5	GIGL GSPL HP PIL GAIL	Z2	49	GAIL IOCL	Z2
6	GAIL PIL GITL	Z3	50	KG Basin PIL GSPL HP	Z3
7	KG Basin PIL GAIL	Z3	51	PIL	Z3
8	PIL GAIL IOCL	Z3	52	RGPL GAIL GSPL HP GSPL LP	Z3
9	PIL GSPL HP GSPL LP	Z3	53	RGPL GAIL PIL GITL	Z3
10	RGPL GAIL IOCL	Z2	54	RGPL GAIL GSPL HP GIGL	Z3
11	RGPL GAIL PIL	Z3	55	RGPL GAIL PIL GSPL HP GSPL LP	Z3
12	GIGL GSPL HP PIL	Z2	56	RGPL GAIL PIL GSPL HP GIGL	Z3
13	PIL GAIL GSPL HP	Z3	57	GIGL	Z2
14	KG Basin PIL GITL	Z2	58	GIGL	Z3
15	GIGL GSPL HP GAIL	Z2	59	KG Basin PIL GSPL HP GIGL	Z3
16	GIGL GSPL HP GAIL	Z3	60	GAIL PIL GITL	Z2
17	KG Basin PIL GAIL	Z2	61	KG Basin PIL GITL	Z1
18	GAIL GSPL HP GSPL LP	Z1	62	PIL GAIL GIGL	Z3
19	GIGL GSPL HP GSPL LP	Z2	63	PIL GSPL HP GIGL	Z3
20	GAIL IOCL	Z3	64	PIL GSPL HP	Z1
21	ONGC GAIL	Z1	65	KG Basin PIL GAIL GSPL HP	Z3
22	RGPL GAIL	Z2	66	PIL GSPL HP GSPL LP	Z1
23	RGPL GAIL	Z3	67	PIL GSPL HP GSPL LP	Z2
24	GAIL GIGL-BGPL	Z3	68	PIL GAIL GSPL HP	Z1
25	GSPL HP GIGL	Z2	69	PIL GAIL GSPL HP	Z2
26	KG Basin PIL	Z1	70	PIL GITL	Z1
27	PIL GSPL HP	Z3	71	PIL GITL	Z2
28	GAIL GSPL HP	Z1	72	PIL GITL	Z3
29	GAIL PIL	Z1	73	GSPL HP PIL GITL	Z3
30	GGL GSPL HP	Z1	74	GSPL HP GAIL PIL GITL	Z3
31	GSPL HP GSPL LP	Z1	75	KG Basin PIL GAIL GSPL HP GSPL LP	Z3
32	GSPL HP GSPL LP	Z2	76	PIL GAIL GSPL HP GSPL LP	Z3
33	GAIL PIL	Z2	77	GAIL GSPL HP GGL	Z1
34	GAIL PIL	Z3	78	GAIL GSPL HP GGL	Z2
35	GAIL GSPL HP	Z2	79	GAIL GSPL HP GSPL LP	Z2
36	KG Basin PIL	Z2	80	GIGL GSPL HP GSPL LP	Z3
37	PIL GSPL HP	Z2	81	GSPL HP GAIL	Z3
38	GIGL GSPL HP	Z3	82	GAIL	Z1
39	GIGL	Z1	83	GAIL	Z2
40	PIL	Z1	84	GAIL	Z3
41	PIL	Z2	85	KG Basin	Z1
42	GGL	Z1	86	GSPL HP	Z1
43	GSPL HP GIGL	Z1	87	GSPL HP	Z2
44	KG Basin PIL GSPL HP GSPL LP	Z3	88	GSPL LP	Z1

7.3. The ratios for tariff to be charged by the various entities for the 87 unified tariff paths as above i.e. which were part of the Tariff Order TO/2023-24/04 dated 27.06.2023 will continue to be as per Tariff Order TO/2023-24/04 dated 27.06.2023. However, for the new path GAIL-GSPL HP Zone 3, the ratios of tariff to be charged by each entity shall be as follows:

Tariff Path	Unified Zone	Entity 1	Entity 2	Ratio for Entity 1	Ratio for Entity 2
GSPL HP GAIL	Z3	GSPL HP	GAIL	50.00%	50.00%

8. Decision:

- 8.1. Rohtak Panipat pipeline section laid by GIGL has not been considered as the matter is sub-judice and pending with PNGRB, accordingly, the proposal of Settlement Committee for considering the supply of natural gas from Rohtak Panipat pipeline as part of Unified tariff has not been accepted. Therefore, during the period (July 2023 to Feb 2024) for which supply of natural gas has been allowed by PNGRB, as one time emergency measure, from the Rohtak Panipat line, transporter(s) may charge the approved tariff as one time measure for the authorised pipeline sections only.
- 8.2. The following unified tariff paths are approved for the period with effect from 01.04.2024 to 31.05.2024:

S.N.	Tariff Path	Unified Zone	S.N.	Tariff Path	Unified Zone
1	RGPL GAIL PIL KG Basin	Z3	45	GGL GSPL LP	Z1
2	RGPL GAIL PIL GSPL HP	Z3	46	ONGC GAIL	Z2
3	KG Basin PIL GAIL IOCL	Z3	47	RGPL GAIL GSPL HP	Z3
4	GIGL GSPL HP PIL GAIL	Z3	48	KG Basin PIL	Z3
5	GIGL GSPL HP PIL GAIL	Z2	49	GAIL IOCL	Z2
6	GAIL PIL GITL	Z3	50	KG Basin PIL GSPL HP	Z3
7	KG Basin PIL GAIL	Z3	51	PIL	Z3
8	PIL GAIL IOCL	Z3	52	RGPL GAIL GSPL HP GSPL LP	Z3
9	PIL GSPL HP GSPL LP	Z3	53	RGPL GAIL PIL GITL	Z3
10	RGPL GAIL IOCL	Z2	54	RGPL GAIL GSPL HP GIGL	Z3
11	RGPL GAIL PIL	Z3	55	RGPL GAIL PIL GSPL HP GSPL LP	Z3
12	GIGL GSPL HP PIL	Z2	56	RGPL GAIL PIL GSPL HP GIGL	Z3
13	PIL GAIL GSPL HP	Z3	57	GIGL	Z2
14	KG Basin PIL GITL	Z2	58	GIGL	Z3
15	GIGL GSPL HP GAIL	Z2	59	KG Basin PIL GSPL HP GIGL	Z3
16	GIGL GSPL HP GAIL	Z3	60	GAIL PIL GITL	Z2
17	KG Basin PIL GAIL	Z2	61	KG Basin PIL GITL	Z1
18	GAIL GSPL HP GSPL LP	Z1	62	PIL GAIL GIGL	Z3
19	GIGL GSPL HP GSPL LP	Z2	63	PIL GSPL HP GIGL	Z3
20	GAIL IOCL	Z3	64	PIL GSPL HP	Z1
21	ONGC GAIL	Z1	65	KG Basin PIL GAIL GSPL HP	Z3
22	RGPL GAIL	Z2	66	PIL GSPL HP GSPL LP	Z1
23	RGPL GAIL	Z3	67	PIL GSPL HP GSPL LP	Z2
24	GAIL GIGL-BGPL	Z3	68	PIL GAIL GSPL HP	Z1
25	GSPL HP GIGL	Z2	69	PIL GAIL GSPL HP	Z2
26	KG Basin PIL	Z1	70	PIL GITL	Z1
27	PIL GSPL HP	Z3	71	PIL GITL	Z2
28	GAIL GSPL HP	Z1	72	PIL GITL	Z3
29	GAIL PIL	Z1	73	GSPL HP PIL GITL	Z3
30	GGL GSPL HP	Z1	74	GSPL HP GAIL PIL GITL	Z3
31	GSPL HP GSPL LP	Z1	75	KG Basin PIL GAIL GSPL HP GSPL LP	Z3
32	GSPL HP GSPL LP	Z2	76	PIL GAIL GSPL HP GSPL LP	Z3
33	GAIL PIL	Z2	77	GAIL GSPL HP GGL	Z1
34	GAIL PIL	Z3	78	GAIL GSPL HP GGL	Z2
35	GAIL GSPL HP	Z2	79	GAIL GSPL HP GSPL LP	Z2
36	KG Basin PIL	Z2	80	GIGL GSPL HP GSPL LP	Z3
37	PIL GSPL HP	Z2	81	GSPL HP GAIL	Z3
38	GIGL GSPL HP	Z3	82	GAIL	Z1
39	GIGL	Z1	83	GAIL	Z2
40	PIL	Z1	84	GAIL	Z3
41	PIL	Z2	85	KG Basin	Z1
42	GGL	Z1	86	GSPL HP	Z1
43	GSPL HP GIGL	Z1	87	GSPL HP	Z2
44	KG Basin PIL GSPL HP GSPL LP	Z3	88	GSPL LP	Z1

8.3. The Unified tariff w.e.f. 01.04.2024 till 31.05.2024 shall be Rs.81.13/MMBTU (including additional GST implication of Rs.0.02/MMBTU) on GCV basis having unified zonal tariffs as follows:

Unified Zone	Tariff (in Rs. / MMBTU on GCV Basis)*
Zone 1	40.00
Zone 2	79.00
Zone 3	114.52

(* including GST of Rs.0.02/MMBTU on GCV basis settlement amount amongst entities)

8.4. The ratios for tariff to be charged by the various entities for the 87 unified tariff paths (as mentioned in para 8.2 (except path mentioned at sr.no.81) which were part of the Tariff Order TO/2023-24/04 dated 27.06.2023 will continue as per Tariff Order TO/2023-24/04 dated 27.06.2023. For the new path mentioned at sr.no.81 i.e. GAIL-GSPL HP Zone 3, the ratios of tariff to be charged by each entity shall be as follows:

(Tariff in Rs. / MMBTU on GCV basis)

Tariff Path	Unified Zone	Entity 1	Entity 2	Ratio for Entity 1	Ratio for Entity 2	Unified Tariff	Tariff for Entity 1	Tariff for Entity 2
GSPL HP GAIL	Z3	GSPL HP	GAIL	50%	50%	114.52	57.26	57.26

Sd/-

(Dr. Anil Kumar Jain)

Chairperson

Sd/-

(Gajendra Singh)

Member-I

Sd/-

(Anjani Kumar Tiwari)

Member-II
