



Petroleum and Natural Gas Regulatory Board
New Delhi

Tariff Order

Subject: Tariff for GAIL (India) Limited's Jamnagar-Loni LPG Pipeline (JLPL)

PNGRB/COM/11-PPPL Tariff(1)/2024 Vol-I (E-5022)

Ref No. :TO/PPPL/2024-25/18

Date: : 28.11.2024

1. Background

- 1.1. In terms of Sections 11(e) and 22 of the PNGRB Act, 2006, the Board is entrusted with the responsibility of regulating the transportation rates for common carrier or contract carrier pipelines.
- 1.2. PNGRB (Determination of Petroleum and Petroleum Products Pipeline Transportation Tariff) Regulations, 2010 ("PPPL Tariff Regulations, 2010"), as amended vide Amendment Regulations, 2012; Amendment Regulations, 2014; Amendment Regulations, 2016; Amendment Regulations, 2017; Amendment Regulations, 2018 and Amendment Regulations, 2019; Amendment Regulations, 2020: Second Amendment Regulations, 2020; Third Amendment Regulations, 2020; Fourth Amendment Regulations, 2020, Amendment Regulations, 2021, Amendment Regulations, 2023, Second Amendment Regulations, 2023 and Second Amendment Regulations, 2024 read with Statutory Provisions, empower the Board to approve/ determine the Petroleum and Petroleum Products Pipeline Transportation Tariff to be charged by the entity laying, building, operating or expanding petroleum and petroleum products pipeline.
- 1.3. The period and methodology for determination of the pipeline tariff has been specified in the relevant provisions (Regulation 4 and 5) of the PPPL Tariff Regulations, 2010. Under the provisions of these regulations, the Board has to determine the Petroleum and Petroleum Products Pipeline Transportation Tariff by benchmarking against alternate mode of transport i.e. 75% of rail tariff except for LPG, where it will be 100%, on a train

load basis, for equivalent rail distance along the Petroleum and Petroleum Product Pipeline route. This tariff was initially applicable for a transition period of two years. Subsequently, the transition period was extended through issuance of the Amendment Regulations from time to time upto 30.6.2024.

- 1.4. PNGRB vide letters dated 24.2.2015 issued the final terms and conditions for acceptance of GAIL (India) Limited's Jamnagar-Loni LPG Pipeline (JLPL) under Regulation 17(1) of PNGRB Authorization Regulations. The authorisation was amended for capacity expansion vide letter dated 25.2.2016. The authorisation was further amended vide letter dated 23.3.2023 for incorporating a New Custody Transfer/ Entry Point as “APSEZL Inter Connection Point at GAIL Kandla terminal”.
- 1.5. Tariff Orders were issued by the Board time to time. Last Tariff Order for JLPL was issued on 18.9.2024 with validity upto 31.7.2024.

2. PPPL Tariff Regulations, 2024

- 2.1. In supersession of these PPPL Tariff Regulations, 2010 which were transient in nature, the Board has notified PNGRB (Determination of Petroleum and Petroleum Product Pipeline Transportation Tariff) Regulations, 2024 (“PPPL Tariff Regulations, 2024”) on 22.7.2024 for determining the pipeline transportation tariff for petroleum product pipelines. These regulations have come into force from 1.8.2024.
- 2.2. The PPPL Tariff Regulations, 2024 stipulates that transportation tariff for PPPL which has been commissioned before the notification of PPPL Tariff Regulations, 2010 shall be determined as per procedure at Schedule ‘A’ of regulation 5 of these regulations.
- 2.3. As per Schedule ‘A’:
 - a) The PPPL transportation tariff (Class 180A–petroleum products other than SKO/LPG and Class 165–SKO/LPG, etc.) shall be determined basis the railway’s goods tariff table of railway rate circular No. 19 of 2018 dated 31.10.2018 (effective from 1.11.2018).
 - b) The base tariff for PPPL shall be benchmarked at a level of 75% of the tariffs as per railway’s goods tariff table on a train load basis for equivalent rail distance along the PPPL route except LPG where it will be benchmarked at a level 100%. The above base tariff shall remain fixed in accordance with the railway rate circular No. 19 of 2018 dated 31.10.2018 (effective from 1.11.2018) and shall not be changed due to any future revisions in the railway rate circular for the purpose of determination of PPPL tariff.
 - c) One-time escalation of 17% (@ 3.40% from 2019-20 till 2023-24, based on 10 year WPI CAGR from 2013-14 to 2022-23 over the Railway’s goods tariff table of

above railway rate circular No.19 of 2018 shall be considered on the base tariff, however, the same shall be applied prospectively from the date of these regulations come into force till the end of financial year 2024-25.

- d) From financial year 2025-26 onwards, annual escalation shall be considered, based on the “Wholesale price Index (WPI) Data (2011-12 = 100) for “All Group/Commodity”, as published by the Office of Economic Adviser, Government of India, Ministry of Commerce and Industry, Department of Industrial Policy and Promotion (DIPP).
- e) The CAGR of WPI from year FY 2013-14 to FY 2022-23 is 3.40%. From financial year 2025-26 i.e. from 1.4.2025 onwards, an annual escalation factor of 3.40% per annum shall be considered year on year basis. The Board may consider and decide revision in tariff escalation factor in case the change in CAGR of the WPI index for the previous 10 years on floating basis with a lag of one financial year preceding the financial year for which tariff is applicable, on either side, is 0.5% or more.

2.4. Since JLPL was commissioned in March 2001, tariff for this pipeline shall be determined under the provisions of Schedule-A of PPPL Tariff Regulations, 2024.

3. Data submission by GAIL (India) Limited

GAIL (India) Limited, vide its email dated 6.9.2024 followed by letter dated 6.9.2024 has submitted the required data as per Attachment 1 of Schedule ‘A’ in respect to its Jamnagar-Loni LPG Pipeline (JLPL) as given below:

	Data Required	Data submitted by entity
1	Date of Commissioning of the pipeline	March 2001
2	Petroleum Products being transported	LPG
3	Injection points, Delivery points, Pipeline distance and Equivalent rail distance of the pipeline	

Sl No.	Injection points	Delivery points	Pipeline Distance (km)	Equivalent Rail Distance (km)
i	Ex Reliance Industries Ltd, Jamnagar (Ex RIL/RPL Refinery)	IOCL Ajmer	744.76	796.00
		BPCL Ajmer	748.90	811.60
		HPCL Ajmer	747.14	808.60
		IOCL Sanganer	894.55	942.60
		BPCL Jaipur	886.48	956.10
		IOCL Gurgaon	1096.04	1245.62
		BPCL Piyala	1103.11	1274.43

		IOCL Madanpur Khadar	1137.15	1247.27
		IOCL Loni	1174.63	1242.93
		BPCL Loni	1176.98	1246.53
		HPCL Loni	1177.31	1245.93
ii	Ex Nayara Energy Limited (Ex NEL)	IOCL Ajmer	769.04	816.42
		BPCL Ajmer	773.18	832.02
		HPCL Ajmer	771.43	829.02
		IOCL Sanganer	918.84	963.02
		BPCL Jaipur	910.77	976.52
		IOCL Gurgaon	1120.32	1266.04
		BPCL Piyala	1127.40	1294.85
		IOCL Madanpur Khadar	1161.44	1267.69
		IOCL Loni	1198.92	1263.35
		BPCL Loni	1201.27	1266.95
		HPCL Loni	1201.60	1266.35
iii	Ex IOCL, Kandla (Ex Kandla i.e. GAIL Kandla)	IOCL Ajmer	645.56	682.10
		BPCL Ajmer	649.70	697.70
		HPCL Ajmer	647.94	694.70
		IOCL Sanganer	795.35	828.71
		BPCL Jaipur	787.28	842.21
		IOCL Gurgaon	996.83	1131.73
		BPCL Piyala	1003.91	1160.54
		IOCL Madanpur Khadar	1037.95	1133.38
		IOCL Loni	1075.43	1129.04
		BPCL Loni	1077.78	1132.64
		HPCL Loni	1078.11	1132.04
iv	Ex APSEZL, Kandla (Ex APSEZL Interconnection at GAIL Terminal)	IOCL Ajmer	637.29	679.30
		BPCL Ajmer	641.43	694.90
		HPCL Ajmer	639.67	691.90
		IOCL Sanganer	787.08	825.91
		BPCL Jaipur	779.01	839.41
		IOCL Gurgaon	988.56	1128.93
		BPCL Piyala	995.64	1157.74
		IOCL Madanpur Khadar	1029.68	1130.58
		IOCL Loni	1067.16	1126.24
		BPCL Loni	1069.51	1129.84
		HPCL Loni	1069.84	1129.24

3.1. On comparison of the submitted data, certain deviations were observed and accordingly vide email dated 11.9.2024, PNGRB requested GAIL to clarify the deviations. The replies submitted by GAIL vide email dated 19.9.2024 have been duly considered in tariff determination of JLPL.

4. **Tariff determination for JLPL**

4.1. For the financial year 2024-25 (w.e.f 1.8.2024 till 31.3.2025)

As discussed at Para 2 above, the tariff for financial year 2024-25 (from effective date i.e. 1.8.2024 till 31.3.2025) shall be determined as under:

a) Base tariff

The base tariff for JLPL based on Railway Goods Tariff Table issued vide circular no. 19 dated 31.10.2018 is as under:

i. **Ex Reliance Industries Limited, Jamnagar (Ex RIL/RPL Refinery)**

Entry Point	Tap-Off Points (ToPs)	Equivalent Rail Distance	Rail Freight for LPG Class 165	Base tariff For LPG Class 165 (100% of rail freight)
		(Km)	(₹/MT)	(₹/MT)
(1)	(2)	(4)	(5)	(6)
Jamnagar RIL/RPL refinery	IOCL Ajmer	796.00	1353.50	1353.50
	BPCL Ajmer	811.60	1433.00	1433.00
	HPCL Ajmer	808.60	1433.00	1433.00
	IOCL Jaipur	942.60	1591.10	1591.10
	BPCL Jaipur	956.10	1670.00	1670.00
	IOCL Gurgaon	1245.62	2148.60	2148.60
	BPCL Piyala	1274.43	2148.60	2148.60
	IOCL Madanpur Khadar	1247.27	2148.60	2148.60
	IOCL Loni	1242.93	2148.60	2148.60
	BPCL Loni	1246.53	2148.60	2148.60
	HPCL Loni	1245.93	2148.60	2148.60

ii. **Nayara Energy Limited (Ex NEL)**

Entry Point	Tap-Off Points (ToPs)	Equivalent Rail Distance	Rail Freight for LPG Class 165	Base tariff For LPG Class 165 (100% of rail freight)
		(Km)	(₹/MT)	(₹/MT)
(1)	(2)	(4)	(5)	(6)
NEL, Vadinagar, M/s Nayara Energy Ltd	IOCL Ajmer	816.42	1433.00	1433.00
	BPCL Ajmer	832.02	1433.00	1433.00
	HPCL Ajmer	829.02	1433.00	1433.00
	IOCL Jaipur	963.02	1670.00	1670.00
	BPCL Jaipur	976.52	1670.00	1670.00
	IOCL Gurgaon	1266.04	2148.60	2148.60
	BPCL Piyala	1294.85	2148.60	2148.60

	IOCL Madanpur Khadar	1267.69	2148.60	2148.60
	IOCL Loni	1263.35	2148.60	2148.60
	BPCL loni	1266.95	2148.60	2148.60
	HPCL loni	1266.35	2148.60	2148.60

iii. IOCL, Kandla (Ex Kandla i.e. GAIL Kandla)

Entry Point	Tap-Off Points (ToPs)	Equivalent Rail Distance	Rail Freight for LPG Class 165	Base tariff For LPG Class 165 (100% of rail freight)
		(Km)	(₹/MT)	(₹/MT)
(1)	(2)	(4)	(5)	(6)
Kandla Terminal	IOCL Ajmer	682.10	1193.30	1193.30
	BPCL Ajmer	697.70	1193.30	1193.30
	HPCL Ajmer	694.70	1193.30	1193.30
	IOCL Jaipur	828.71	1433.00	1433.00
	BPCL Jaipur	842.21	1433.00	1433.00
	IOCL Gurgaon	1131.73	1989.40	1989.40
	BPCL Piyala	1160.54	1989.40	1989.40
	IOCL Madanpur Khadar	1133.38	1989.40	1989.40
	IOCL Loni	1129.04	1989.40	1989.40
	BPCL loni	1132.64	1989.40	1989.40
	HPCL loni	1132.04	1989.40	1989.40

iv. APSEZL, Kandla (Ex APSEZL Interconnection at GAIL Terminal)

Entry Point	Tap-Off Points (ToPs)	Equivalent Rail Distance	Rail Freight for LPG Class 165	Base tariff For LPG Class 165 (100% of rail freight)
		(Km)	(₹/MT)	(₹/MT)
(1)	(2)	(4)	(5)	(6)
APSEZL, Interconnection point	IOCL Ajmer	679.30	1193.30	1193.30
	BPCL Ajmer	694.90	1193.30	1193.30
	HPCL Ajmer	691.90	1193.30	1193.30
	IOCL Jaipur	825.91	1433.00	1433.00
	BPCL Jaipur	839.41	1433.00	1433.00
	IOCL Gurgaon	1128.93	1989.40	1989.40
	BPCL Piyala	1157.74	1989.40	1989.40
	IOCL Madanpur Khadar	1130.58	1989.40	1989.40
	IOCL Loni	1126.24	1989.40	1989.40
	BPCL loni	1129.84	1989.40	1989.40
	HPCL loni	1129.24	1989.40	1989.40

b) Tariff from 1.8.2024 till 31.3.2025

After providing one-time escalation of 17% over base tariff, the final pipeline transportation tariff for the period from 1.8.2024 till 31.3.2025 shall be as under:

i. **Ex Reliance Industries Limited, Jamnagar (Ex RIL/RPL Refinery)**

Entry Point	Tap-Off Points (ToPs)	Equivalent Rail Distance	Base tariff for LPG Class 165 (100% of rail freight)	Pipeline transportation tariff from 1.8.2024 to 31.3.2025 for LPG Class 165 (Base tariff + One-time 17% escalation)
		(Km)	(₹/MT)	(₹/MT)
(1)	(2)	(3)	(4)	(5)
Jamnagar RIL/RPL refinery	IOCL Ajmer	796.00	1353.50	1583.60
	BPCL Ajmer	811.60	1433.00	1676.61
	HPCL Ajmer	808.60	1433.00	1676.61
	IOCL Jaipur	942.60	1591.10	1861.59
	BPCL Jaipur	956.10	1670.00	1953.90
	IOCL Gurgaon	1245.62	2148.60	2513.86
	BPCL Piyala	1274.43	2148.60	2513.86
	IOCL Madanpur Khadar	1247.27	2148.60	2513.86
	IOCL Loni	1242.93	2148.60	2513.86
	BPCL loni	1246.53	2148.60	2513.86
HPCL loni	1245.93	2148.60	2513.86	

ii. **Nayara Energy Limited (Ex NEL)**

Entry Point	Tap-Off Points (ToPs)	Equivalent Rail Distance	Base tariff for LPG Class 165 (100% of rail freight)	Pipeline transportation tariff from 1.8.2024 to 31.3.2025 for LPG Class 165 (Base tariff + One-time 17% escalation)
		(Km)	(₹/MT)	(₹/MT)
(1)	(2)	(3)	(4)	(5)
NEL, Vadinagar, M/s Nayara Energy Ltd	IOCL Ajmer	816.42	1433.00	1676.61
	BPCL Ajmer	832.02	1433.00	1676.61
	HPCL Ajmer	829.02	1433.00	1676.61
	IOCL Jaipur	963.02	1670.00	1953.90
	BPCL Jaipur	976.52	1670.00	1953.90
	IOCL Gurgaon	1266.04	2148.60	2513.86
	BPCL Piyala	1294.85	2148.60	2513.86
	IOCL Madanpur Khadar	1267.69	2148.60	2513.86
	IOCL Loni	1263.35	2148.60	2513.86
	BPCL loni	1266.95	2148.60	2513.86
HPCL loni	1266.35	2148.60	2513.86	

iii. IOCL, Kandla (Ex Kandla i.e. GAIL Kandla)

Entry Point	Tap-Off Points (ToPs)	Equivalent Rail Distance	Base tariff for LPG Class 165 (100% of rail freight)	Pipeline transportation tariff from 1.8.2024 to 31.3.2025 for LPG Class 165 (Base tariff + One-time 17% escalation)
		(Km)	(₹/MT)	(₹/MT)
(1)	(2)	(3)	(4)	(5)
Kandla Terminal	IOCL Ajmer	682.10	1193.30	1396.16
	BPCL Ajmer	697.70	1193.30	1396.16
	HPCL Ajmer	694.70	1193.30	1396.16
	IOCL Jaipur	828.71	1433.00	1676.61
	BPCL Jaipur	842.21	1433.00	1676.61
	IOCL Gurgaon	1131.73	1989.40	2327.60
	BPCL Piyala	1160.54	1989.40	2327.60
	IOCL Madanpur Khadar	1133.38	1989.40	2327.60
	IOCL Loni	1129.04	1989.40	2327.60
	BPCL Loni	1132.64	1989.40	2327.60
HPCL Loni	1132.04	1989.40	2327.60	

iv. APSEZL, Kandla (Ex APSEZL Interconnection at GAIL Terminal)

Entry Point	Tap-Off Points (ToPs)	Equivalent Rail Distance	Base tariff for LPG Class 165 (100% of rail freight)	Pipeline transportation tariff from 1.8.2024 to 31.3.2025 for LPG Class 165 (Base tariff + One-time 17% escalation)
		(Km)	(₹/MT)	(₹/MT)
(1)	(2)	(3)	(4)	(5)
APSEZL, Interconnection point	IOCL Ajmer	679.30	1193.30	1396.16
	BPCL Ajmer	694.90	1193.30	1396.16
	HPCL Ajmer	691.90	1193.30	1396.16
	IOCL Jaipur	825.91	1433.00	1676.61
	BPCL Jaipur	839.41	1433.00	1676.61
	IOCL Gurgaon	1128.93	1989.40	2327.60
	BPCL Piyala	1157.74	1989.40	2327.60
	IOCL Madanpur Khadar	1130.58	1989.40	2327.60
	IOCL Loni	1126.24	1989.40	2327.60
	BPCL Loni	1129.84	1989.40	2327.60
HPCL Loni	1129.24	1989.40	2327.60	

4.2. For the financial year 2025-26

With WPI of 151.42 for the year 2023-24, the CAGR of WPI from year FY 2014-15 to FY 2023-24 works out to 3.22%. However, since the change in CAGR of the WPI index for the previous 10 years on floating basis with a lag of one financial year preceding the financial year for which tariff is applicable, on either side, is not 0.5% or more, the applicable escalation in pipeline transportation tariff for the year 2025-26 shall remain 3.40%. Accordingly, the pipeline transportation tariff for the year 2025-26 shall be as under:

i. Ex Reliance Industries Limited, Jamnagar (Ex RIL/RPL Refinery)

Entry Point	Tap-Off Points (ToPs)	Equivalent Rail Distance	Pipeline transportation tariff from 1.8.2024 to 31.3.2025 for LPG Class 165 (Base tariff + One-time 17% escalation)	Pipeline Transportation tariff for FY 2025-26 for LPG Class 165 (Tariff from 1.8.2024 to 31.3.2025 + 3.4% escalation)
		(Km)	(₹/MT)	(₹/MT)
(1)	(2)	(3)	(4)	(5)
Jamnagar RIL/RPL refinery	IOCL Ajmer	796.00	1583.60	1637.44
	BPCL Ajmer	811.60	1676.61	1733.61
	HPCL Ajmer	808.60	1676.61	1733.61
	IOCL Jaipur	942.60	1861.59	1924.88
	BPCL Jaipur	956.10	1953.90	2020.33
	IOCL Gurgaon	1245.62	2513.86	2599.33
	BPCL Piyala	1274.43	2513.86	2599.33
	IOCL Madanpur Khadar	1247.27	2513.86	2599.33
	IOCL Loni	1242.93	2513.86	2599.33
	BPCL Loni	1246.53	2513.86	2599.33
HPCL Loni	1245.93	2513.86	2599.33	

ii. Nayara Energy Limited (Ex NEL)

Entry Point	Tap-Off Points (ToPs)	Equivalent Rail Distance	Pipeline transportation tariff from 1.8.2024 to 31.3.2025 for LPG Class 165 (Base tariff + One-time 17% escalation)	Pipeline Transportation tariff for FY 2025-26 for LPG Class 165 (Tariff from 1.8.2024 to 31.3.2025 + 3.4% escalation)
		(Km)	(₹/MT)	(₹/MT)
(1)	(2)	(3)	(4)	(5)
NEL, Vadinagar, M/s Nayara Energy Ltd	IOCL Ajmer	816.42	1676.61	1733.61
	BPCL Ajmer	832.02	1676.61	1733.61
	HPCL Ajmer	829.02	1676.61	1733.61
	IOCL Jaipur	963.02	1953.90	2020.33

	BPCL Jaipur	976.52	1953.90	2020.33
	IOCL Gurgaon	1266.04	2513.86	2599.33
	BPCL Piyala	1294.85	2513.86	2599.33
	IOCL Madanpur Khadar	1267.69	2513.86	2599.33
	IOCL Loni	1263.35	2513.86	2599.33
	BPCL Loni	1266.95	2513.86	2599.33
	HPCL Loni	1266.35	2513.86	2599.33

iii. IOCL, Kandla (Ex Kandla i.e. GAIL Kandla)

Entry Point	Tap-Off Points (ToPs)	Equivalent Rail Distance	Pipeline transportation tariff from 1.8.2024 to 31.3.2025 for LPG Class 165 (Base tariff + One-time 17% escalation)	Pipeline Transportation tariff for FY 2025-26 for LPG Class 165 (Tariff from 1.8.2024 to 31.3.2025 + 3.4% escalation)
		(Km)	(₹/MT)	(₹/MT)
(1)	(2)	(3)	(4)	(5)
Kandla Terminal	IOCL Ajmer	682.10	1396.16	1443.63
	BPCL Ajmer	697.70	1396.16	1443.63
	HPCL Ajmer	694.70	1396.16	1443.63
	IOCL Jaipur	828.71	1676.61	1733.61
	BPCL Jaipur	842.21	1676.61	1733.61
	IOCL Gurgaon	1131.73	2327.60	2406.74
	BPCL Piyala	1160.54	2327.60	2406.74
	IOCL Madanpur Khadar	1133.38	2327.60	2406.74
	IOCL Loni	1129.04	2327.60	2406.74
	BPCL Loni	1132.64	2327.60	2406.74
	HPCL Loni	1132.04	2327.60	2406.74

iv. APSEZL, Kandla (Ex APSEZL Interconnection at GAIL Terminal)

Entry Point	Exit Point/ Tap Off Point	Equivalent Rail Distance (in KM)	Pipeline transportation tariff from 1.8.2024 to 31.3.2025 for LPG Class 165 (Base tariff + One-time 17% escalation)	Pipeline Transportation tariff for FY 2025-26 for LPG Class 165 (Tariff from 1.8.2024 to 31.3.2025 + 3.4% escalation)
		(Km)	(₹/MT)	(₹/MT)
(1)	(2)	(3)	(4)	(5)
APSEZL, Interconnection point	IOCL Ajmer	679.30	1396.16	1443.63
	BPCL Ajmer	694.90	1396.16	1443.63
	HPCL Ajmer	691.90	1396.16	1443.63
	IOCL Jaipur	825.91	1676.61	1733.61
	BPCL Jaipur	839.41	1676.61	1733.61

	IOCL Gurgaon	1128.93	2327.60	2406.74
	BPCL Piyala	1157.74	2327.60	2406.74
	IOCL Madanpur Khadar	1130.58	2327.60	2406.74
	IOCL Loni	1126.24	2327.60	2406.74
	BPCL Loni	1129.84	2327.60	2406.74
	HPCL Loni	1129.24	2327.60	2406.74

5. Order

The pipeline tariff for Jamnagar-Loni LPG Pipeline (JLPL), as given at column 5 of Tables at para 4.1(b) above will be applicable for the period from 1.8.2024 to 31.3.2025 and at column 5 of Tables at para 4.2 above for the financial year 2025-26 respectively.

Sd/- (Dr. Anil Kumar Jain) Chairperson	Sd/- (Gajendra Singh) Member- I	Sd/- (Anjani Kumar Tiwari) Member- II	Sd/- (A Ramana Kumar) Member- III
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