

Schedule C

[see regulation 6(b)]

Format for declaring capacity of Petroleum, Petroleum Products and Natural Gas Pipeline by the Petroleum and Natural Gas Regulatory Board

Date of declaration of capacity by the Board: **19.04.2024 (FY 2022-2023)**

1	Name of Entity	GAIL (India) Ltd.
2	Address and Contact details of Entity	GAIL Bhawan, 16, Bhikaji Cama Place, R.K. Puram, New Delhi – 110066 Number: 011-26172580, 26182956 Email ID: cmd@gail.co.in
3	Name of Pipeline	GAIL's Integrated/Interconnected Pipeline Network
4	Details of injection/entry point and delivery/exit points and sections on the pipeline	Refer Annexure A
5	Name of the software package used by the entity	Pipeline Studio TNet (ver. 4.2)
6	Flow equation used for the purpose	Panhandle – A for $\leq 24'' \text{ } \varnothing$ pipelines Panhandle – B for $> 24'' \text{ } \varnothing$ pipelines
7	Product Quality specifications/gas Parameters considered for the purpose of capacity determination	Refer Annexure B
8	Maximum achievable capacity of the pipeline under steady state conditions	145 MMSCMD
9	Section wise maximum achievable capacity of the pipeline	-

Dated:19.04.2024

Vandana Sharma

Secretary
Petroleum and Natural Gas Regulatory Board

वन्दना शर्मा / VANDANA SHARMA
सचिव / Secretary
पेट्रोलियम और प्राकृतिक गैस विनियामक बोर्ड
Petroleum & Natural Gas Regulatory Board
प्रथम तल, वर्ल्ड ट्रेड सेंटर,
1st Floor, World Trade Centre,
बाबर रोड, नई दिल्ली-110001
Babar Road, New Delhi-110001

Annexure- A of Schedule –C for FY 2022-23

Supply	Flow
	MSM3/D
HAZIRA	43.641454
Dahej terminal	69.338482
Ankot	1.895
Phulpur source	0.67
HLPL-2	3.16
Mhaskal source	0.97
DT_DABHOL	13.075978
ONGCL Uran	3.9
URAN	3.64
south-Guj low pressure network	4.082
Suvali	1.06691

Deliveries	Flow
	MSM3/D
VAGHODIA downstream	2.6767
GANDHAR_NTPC	0
VJP	3.755479
JIPPL	0.54912
SOUTH GUJ	1.397006
KELARAS	0.39247
DHOLPUR	0.022347
CGD- Agra Frbd	0
MATHURA	2.197
NTPC FAR	0.4289259
DADRI NTPC	0.39
BABRALA	2.7632608
AONLA	4.251
KFL Shahjapur	2.6688015
NFL	5.392647
CFCL1	1.727193
ANTA	0.3822
CFCL2&3	6.058689
Pata IC	2.7163141
NTPC AUR	0.99125428
KANPUR + Jhansi CGD	0.5113641
LKO CITY GAS + Unnao + Faizabad	0.4828785
JAGDISHPUR IGF	2.665
PHULPUR	0.0026
GSPL	3.6322
DESU_NCR	0.78078

SAMCORE	0
CJHPL	1.495
KMKRPL	2.489955
KFCL	1.521
AGL Faridabad	1.0055955
KHURJA	0
Agra Firozabad	2.146248
IFFCO	2.5496776
Jagdishpur others	0.019058
HPCL Shahjapur Budaun	0.02053714
TGPL Auraiya	0
Allahabad Amethi Faizabad CGDs	0.10804661
CGD Khurja Dadri	0.4083768
Sikandrabad customers	0.4351113
IGL G Noida BPCL	7.54
Mathura Sawariya	0.1550731
AGL Nuh Palwal	0.08979399
CGPL customers	1.131
IOAGPL Bulandshahar	0.061761058
Dadri exit	9.926813
Kribhco - towards	0.46940952
GPU Auraiya	0
GPU Vaghodia+IC	0.2946463
Hazira IC	0.1949857
Vjp IC	1.8585925
Khera IC	0.05219578
Jhabua IC	0.018316766
Auraiya IC	1.2093058
Dewas Indore	0.1599
GPU Gandhar	2.043912
Chainsa IC	0.042124514
Kailaras IC	0.1045013
DCM Shriram	0.6933524
GGL Sonipat +DBNPL	11.869
Hindalco	0.1157
Ex-Hazira - NTPC-Arcelor etc	1.06691
RCF TROMBAY	1.5691
NPL Kalyan	0.075932938
MGLTALOJA+DFPCL	0.57199776
VVF+OWNR	0.1911
MGL MAHAPE	0.7917
RGPPL DHABOL	0
Tata Motor	0.06770179
RIL PATALGANGA	0.31831579
BOM+HIL	0.0468

BHUSHAN+UTTAM+PARLE	0.1703
NITCO	0.074605263
IIL Pen_dolvi jsw + HRJ	1.7355
RCF THAL	2.8093
HPCL	1.455668
MGL AMBR	1.2517548
welspun/jindal salav	0.69561947
tata steel + tata wire tarapur	0.1547
Filatex Nani	0.016965033
Alok	0.20345
Bhilosa	0.044464736
Sterlite	0
JSW VASIND	0.14765873
ASIAN COLORS	0.13440177
MSL Sukeli	0.1248
POSCO STEEL	0.20409481
INOX AIR PRODUCT	0.002403947
POSCO POWER	0
Pioneer Power	0
MSL vile bhagad	0.034969368
s.i.group	0.074042105
viraj1-2-5	0.169
Precision+MUSCO	0
Venus	0
MNGL Talegaon	1.3480056
Mahesh gas	0
JSW tarapur	0.09967263
APAR Silvassa	0
DBPL	0
BPCL	1.9239869
RIL Nagothane	0.5968421
Guj Gas Tarapur	0.18413655
Asahi	0.13806
Kribhco	3.0409874
EWPL Mashkal	0
TPC	0.065
MGL Panvel	0
Saint Gobain+Atul+UPL Dahej	0.3406
HPOIL	0.005897862
Su Petro	0.010557894
MGL Savroli	0
OPAL	0.89058915
Mahindra Sanyo	0.026526315
Adani	0.015283806
IOAGPL	0.036486379

IOCL BD - trans	0
HPCL Transportation	0
BGRL aurang	0.0320674
Torrent Mhaskal	0.055383517
BPCL + GSPCL + Shell+NTPC	0
Hindalco-2	0.11271
HRJ- prism	0.01733745
RT bangalore GAIL Gas	0.54613
TKAP	0.00016575
Paramount	0.00580125
zuari	1.4589474
elveety	0.00314925
HINDUSTAN COCA COLA	0.001326
Brittania	0.00977925
MEIL Belgaum	0.051662949
MEIL Tumkur	0.063881045
IOAGPL Dharwad	0.014304225
Fab+RP Metal	0.0043095
UEPL Ratnagiri	0.0325
Goa NGPL	0.038413752
MNGL Ramanagar	0.010805243
Saint Gobain	0.043095
BGRL	0.008621053
Goa Glass	0.017242105
Other CGDs	0.02704
UEPL Chitradurga	0.00767
Murudeshwar	0.0663
HPOIL-2	0.052
IOAGPL-2	0.01768
MNGL	0.00741
trombay local customers	3.9
thal customers	3.64
Initial0097	4.082
CGD-Bhil-Chit	0.1807
CGD Mainpuri Bareli Moradabad	0.3548974
Bidadi customers	0.013
Talegaon-Pune-satara	0.1688986
BARAUNI REF	0.26
PATNA	0.13
GORAKHPUR	2.7809959
BANARAS	0.13
SINDRI	2.2808171
JAMSHEDPUR	0
north east	0
MATIX	1.95

Schedule C

[see regulation 6(b)]

Format for declaring capacity of Petroleum, Petroleum Products and Natural Gas Pipeline by the Petroleum and Natural Gas Regulatory Board

Date of declaration of capacity by the Board: **19.04.2024 (FY 2023-2024)**

1	Name of Entity	GAIL (India) Ltd.
2	Address and Contact details of Entity	GAIL Bhawan, 16, Bhikaji Cama Place, R.K. Puram, New Delhi – 110066 Number: 011-26172580, 26182956 Email ID: cmd@gail.co.in
3	Name of Pipeline	GAIL's Integrated/Interconnected Pipeline Network
4	Details of injection/entry point and delivery/exit points and sections on the pipeline	Refer Annexure A
5	Name of the software package used by the entity	Pipeline Studio TNet (ver. 4.2)
6	Flow equation used for the purpose	Panhandle – A for $\leq 24'' \text{ } \varnothing$ pipelines Panhandle – B for $> 24'' \text{ } \varnothing$ pipelines
7	Product Quality specifications/gas Parameters considered for the purpose of capacity determination	Refer Annexure B
8	Maximum achievable capacity of the pipeline under steady state conditions	163.8 MMSCMD
9	Section wise maximum achievable capacity of the pipeline	Refer Annexure C

Dated:19.04.2024

Vandana Sharma

Secretary
Petroleum and Natural Gas Regulatory Board

वन्दना शर्मा / VANDANA SHARMA
सचिव / Secretary
पेट्रोलियम और प्राकृतिक गैस विनियामक बोर्ड
Petroleum & Natural Gas Regulatory Board
प्रथम तल, वर्ल्ड ट्रेड सेंटर,
1st Floor, World Trade Centre,
बाबर रोड, नई दिल्ली-110001
Babar Road, New Delhi-110001

Annexure- A of Schedule - C for FY 2023-24

Supply	Flow
	MSM3/D
HAZIRA	43.640158
Dahej terminal	66.78641
Ankot	1.895
Phulpur source	0.67
HLPL-2	3.16
Mhaskal source	0.97
DT_DABHOL	13.675969
ONGCL Uran	3.9
URAN	3.64
south-Guj low pressure network	4.682
DHAMRA	19.352818
Suvali	1.06691

Deliveries	Flow
	MSM3/D
VAGHODIA downstream	2.6767
GANDHAR_NTPC	0
VJP	3.755479
JIPPL	0.54912
SOUTH GUJ	1.397006
KELARAS	0.39247
DHOLPUR	0.022347
CGD- Agra Frbd	0
MATHURA	2.197
NTPC FAR	0.4289259
DADRI NTPC	0.39
BABRALA	2.7632608
AONLA	4.251
KFL Shahjapur	2.6688015
NFL	5.392647
CFCL1	1.727193
ANTA	0.3822
CFCL2&3	6.058689
Pata IC	2.7163141
NTPC AUR	0.99125428
KANPUR + Jhansi CGD	0.5113641
LKO CITY GAS + Unnao + Faizabad	0.4828785

JAGDISHPUR IGF	2.665
PHULPUR	0.0026
GSPL	3.6322
DESU_NCR	0.78078
SAMCORE	0
CJHPL	1.495
KMKRPL	2.489955
KFCL	1.521
AGL Faridabad	1.0055955
KHURJA	0
Agra Firozabad	2.146248
IFFCO	2.5497055
Jagdishpur others	0.019058
HPCL Shahjapur Budaun	0.02053714
TGPL Auraiya	0
Allahabad Amethi Faizabad CGDs	0.10804661
CGD Khurja Dadri	0.4083768
Sikandrabad customers	0.4351113
IGL G Noida BPCL	7.54
Mathura Sawariya	0.1550731
AGL Nuh Palwal	0.08979399
CGPL customers	1.131
IOAGPL Bulandshahar	0.061761058
Dadri exit	9.926813
Kribhco - towards	0.46940952
GPU Auraiya	0
GPU Vaghodia+IC	0.2946463
Hazira IC	0.1949857
Vjp IC	1.8585925
Khera IC	0.05219578
Jhabua IC	0.018316766
Auraiya IC	1.2093058
Dewas Indore	0.1599
GPU Gandhar	2.043912
Chainsa IC	0.042124514
Kailaras IC	0.1045013
DCM Shriram	0.6933524
GGL Sonipat +DBNPL	11.869
Hindalco	0.1157
Ex-Hazira - NTPC-Arcelor etc	1.06691
RCF TROMBAY	1.5691
NPL Kalyan	0.075932938
MGLTALOJA+DFPCL	0.57199776
VVF+OWNR	0.1911
MGL MAHAPE	0.7917

RGPPL DHABOL	0
Tata Motor	0.06770179
RIL PATALGANGA	0.31831579
BOM+HIL	0.0468
BHUSHAN+UTTAM+PARLE	0.1703
NITCO	0.074605263
IL Pen_dolvi jsw + HRJ	1.7355
RCF THAL	2.8093
HPCL	1.455668
MGL AMBR	1.2517548
welspun/jindal salav	0.69561947
tata steel + tata wire tarapur	0.1547
Filatex Nani	0.016965033
Alok	0.20345
Bhilosa	0.044464736
Sterlite	0
JSW VASIND	0.14765873
ASIAN COLORS	0.13440177
MSL Sukeli	0.1248
POSCO STEEL	0.20409481
INOX AIR PRODUCT	0.002403947
POSCO POWER	0
Pioneer Power	0
MSL vile bhagad	0.034969368
s.i.group	0.074042105
viraj1-2-5	0.169
Precision+MUSCO	0
Venus	0
MNGL Talegaon	1.3480056
Mahesh gas	0
JSW tarapur	0.09967263
APAR Silvassa	0
DBPL	0
BPCL	1.9239869
RIL Nagothane	0.5968421
Guj Gas Tarapur	0.18413655
Asahi	0.13806
Kribhco	3.0409874
EWPL Mashkal	0
TPC	0.065
MGL Panvel	0
Saint Gobain+Atul+UPL Dahej	0.3406
HPOIL	0.005897862
Su Petro	0.010557894
MGL Savroli	0

OPAL	0.89058915
Mahindra Sanyo	0.026526315
Adani	0.015283806
IOAGPL	0.036486379
IOCL BD - trans	0
HPCL Transportation	0
BGRL aurang	0.0320674
Torrent Mhaskal	0.055383517
BPCL + GSPCL + Shell+NTPC	0
Hindalco-2	0.11271
HRJ- prism	0.01733745
RT bangalore GAIL Gas	0.54613
TKAP	0.00016575
Paramount	0.00580125
zuari	1.4589474
elveety	0.00314925
HINDUSTAN COCA COLA	0.001326
Brittania	0.00977925
MEIL Belgaum	0.051662949
MEIL Tumkur	0.063881045
IOAGPL Dharwad	0.014304225
Fab+RP Metal	0.0043095
UEPL Ratnagiri	0.0325
Goa NGPL	0.038413752
MNGL Ramanagar	0.010805243
Saint Gobain	0.043095
BGRL	0.008621053
Goa Glass	0.017242105
Other CGDs	0.02704
UEPL Chitradurga	0.00767
Murudeshwar	0.0663
HPOIL-2	0.052
IOAGPL-2	0.01768
MNGL	0.00741
trombay local customers	3.9
thal customers	3.64
Initial0097	4.082
CGD-Bhil-Chit	0.1807
CGD Mainpuri Bareli Moradabad	0.3548974
Bidadi customers	0.013
Talegaon-Pune-satara	0.1688986
HALDIA	0.26
BARAUNI REF	0.26
PATNA	0.13
PARADEEP	7.15

CUTTUCK	0.26
JINDAL	0.13
SAM_PUR	0.26
RANCHI	0.26
GORAKHPUR	2.86
BANARAS	0.13
SINDRI	2.86
JAMSHEDPUR	0
KOLKATA	0.26
IOCL	4.94
north east	1.69
MATIX	1.95
Bongaigaon_ref	1.56
BARAUNI_FERT	2.86
Bhadrak_others	0.26
HPCL-2	0

Annexure- B of Schedule - C for FY 2023-24

Init...	Name	Carbon Dioxide (CO2)	Methane (C1)	Ethane (C2)	Propane (C3)	Isobutane (IC4)	N-butane (NC4)	Isopentane (IC5)	N-pentane (NC5)	Hexane (C6)	Heptane (C7)	Heptane+ (C7+)	Octane (C8)	Nitrogen (N2)
Units	Fluid	percent	percent	percent	percent	percent	percent	percent	percent	percent	percent	percent	percent	percent
0001	LEAN GAS D...		94.07	4.59	1.07	0.18								0.09
0002	RICH HVJ	4.302582	82.71963	7.194...	3.792275	0.6904142	0.7804683	0.1500901	0.1600961	0.0700...	0.0300...	0.02001201		0.090054...
0003	RLNG	90.28248	6.125...	1.942308	0.3984222	0.4581856	0.448225							0.3446352
0004	Fluid0001	7.24	66.08	21.9	4.58	0.07		0.01						0.12
0005	RIL GAS	0.2100788	99.09716	0.239...	0.1500563	0.03601351	0.0200075	0.01000375	0.0075028...	0.0300...				0.200075
0006	RLNG EX C2/C3		98.8	0.86	0.13									0.21
0007	Fluid0001-2		97.5	2.5										
0008	HVJ NEW	4.192064	84.38027	6.557...	3.203935	0.5789041	0.5789041	0.1531102	0.1415321	0.0893...	0.0205...	0.0026948...	0.01057...	0.090528...
0009	RLNG NEW		94.54948	3.850...	1.041214	0.1300266	0.1850381	0.01100227	0.0065013...	0.0019...				0.2240462
0010	DAHEJ		92.30697	5.790...	1.180089	0.172013	0.238018	0.008650653	0.0038002...					0.3000227
0011	SHELL		92.30697	5.790...	1.180089	0.172013	0.238018	0.008650653	0.0038002...					0.3000227
0012	Dabhol source	0	87.04754	10.60...	1.468016	0.094801	0.1260013	0.00087000...	6.000064e...					0.8545969
0013	Mhaskal-1	0.226061	98.94672	0.338...	0.1810489	0.04301161	0.02900783	0.007001891	0.02300621					0.2080556
0014	RLNG-2		98.57738	1.093...	0.1610023	0.02040029	0.02850037	0.002200031						0.1193017
0015	Dabhol RLNG		87.04662	10.6083	1.46828	0.0948	0.12645	0.00087	6e-005					0.65459
0016	RLNG-3		93.87538	3.864...	1.507054	0.3030109	0.3130113	0.007000252	0.0024000...					0.1280046
0017	Trombay APM		98.11159	1.527...	0.1114797	0.0004899...			0.00743998	0.0047...				0.2367994
0018	APM gas	0.0047001...	97.93113	1.690...	0.09385...	0.01079023	0.01296028	0.002390052	0.0019900...	0.0025...				0.2496054
0019	GNAQ fluid	3.91	74.38	8.88	7.43	2.07	1.77	0.49	0.42	0.46				0.19
0020	CBM-sample	0.3	97	0.2										2.5
New														

Annexure- C of Schedule - C for FY 2023-24

S.no	Pipe	Capacity
		MSM3/D
1	33	43.445184
2	34	41.401273
3	36	38.429926
4	35	38.41161
5	32	38.359415

6	61	2.0439119
7	63	2.043912
8	17	24.637934
9	14	23.669971
10	13	23.663748
11	20	23.077767
12	21	23.059141
13	19	22.757513
14	18	22.759059
15	23	17.184565
16	25	16.792094
17	24	16.769747
18	30	14.561727
19	27	12.209642
20	26	12.209642
21	28	9.6441087
22	29	9.6441087
23	42	12.096153
24	47	9.3328943
25	41	2.2370433
26	45	0.45229502
27	22	4.5000003
28	54	2.1093929
29	65	0.3822
30	52	3.4663703
31	37	12.558822
32	57	2.3055314
33	58	5.1572886
34	56	4.6744101
35	59	2.684058
36	48	1.9903521
37	49	1.9903521
38	51	6.9327405
39	15	23.662825
40	16	22.87131
41	53	1.727193
42	55	0.78078377
43	69	0
44	31	3.7075684
45	68	0.4828785
46	64	0.39247189
47	67	0.022347106
48	66	2.1462584
49	62	2.3520845
50	60	0.18069999

51	1	34.607828
52	3	32.157148
53	4	33.253584
54	7	33.260683
55	11	33.259595
56	10	32.448562
57	9	32.37706
58	8	31.968072
59	6	31.969621
60	12	35.649571
61	2	35.49626
62	5	33.89196
63	50	3.4663703
64	46	6.84294
65	57-2	4.8841213
66	45-2	7.5271761
67	02-6	7.5406434
68	17-2	6.4284537
69	20-2	5.2486376
70	21-2	4.911519
71	22-2	1.869151
72	02-11	1.869151
73	23-2	2.2342681
74	14-2	2.565497
75	02-4	4.1500937
76	16-2	10.197323
77	15-2	1.5846114
78	13-2	6.0472272
79	02-8	4.1017643
80	19-2	6.1118041
81	52-2	0.075932779
82	26-2	5.8794851
83	25-2	5.0137446
84	61-2	0.074041953
85	29-2	0.90115593
86	30-2	0.57199659
87	24-2	5.0877866
88	36-2	0.36511707
89	53-2	0.30470281
90	54-2	0.074605312
91	31-2	1.7355011
92	32-2	0.79169838
93	55-2	0.19109961
94	50-2	0
95	60-2	0.046800164

96	58-2	0.06770179
97	28-2	3.4446479
98	27-2	1.5206649
99	34-2	1.455665
100	35-2	1.455665
101	49-2	1.251757
102	33-2	2.809302
103	02-3	5.5042962
104	18-2	6.1118041
105	44	0.26487921
106	45-3	0.24791422
107	48-2	0.20344957
108	57-3	0.20344957
109	62-2	0
110	56-2	0.14765842
111	02-9	5.9118719
112	42-2	0.24146854
113	41-2	0.037373379
114	40	0.24146811
115	37-2	0.034969369
116	38	0.24146819
117	46-2	0
118	02-12	10.43879
119	59-2	0
120	02-10	0.2366004
121	43	0.60750791
122	51-2	0.42337174
123	02-7	6.6500559
124	39	0.59684254
125	02-5	6.3094525
126	63-2	0.010557903
127	47-2	0
128	02-2	1.5846116
129	02-1	5.9224261
130	04-1	2.6312812
131	04-11	1.6966562
132	25-3	0.11271
133	04-4	0.85012502
134	04-12	1.5839462
135	04-9	0.64182199
136	24-3	0.01733745
137	04-10	0.095691993
138	15-4	0.54613
139	16-4	0.54613
140	18-3	0.045186993

141	19-3	0.035241993
142	20-3	0.013
143	04-5	0.83267154
144	23-3	0.016440743
145	13-4	1.5322832
146	04-8	0.65915944
147	21-3	0.017453475
148	22-3	0.003149256
149	17-4	0.54613
150	04-2	2.5987812
151	04-6	0.79701049
152	14-4	1.5150411
153	04-7	0.78934049
154	04-3	2.5467812
155	37-3	7.5271764
156	18-4	7.5271757
157	19-4	4.6671764
158	20-4	4.5371763
159	21-4	1.9628188
160	22-4	6.0756223
161	23-4	3.81562
162	24-4	3.8156205
163	25-4	1.8656229
164	13-3	6.5000134
165	13-5	6.3700137
166	27-3	7.4384425
167	28-3	7.6984415
168	29-3	7.6984379
169	30-3	7.9584482
170	32-3	8.0884023
171	33-3	8.3483515
172	34-3	19.352811
173	31-3	8.0884506
174	GKP SPL	2.8599987
175	BANARAS SPL	0.12999976
176	25-5	1.605624
177	13-6	3.2500065
178	13-7	3.2500071
179	PATNA SPUR	0.1300002
180	GKP SPL-2	0
181	13-8	1.6900037
182	34-4	7.1499394
183	34-5	3.8543338
184	34-6	3.5943644
185	34-7	15.498282

186	34-8	0.25999961
187	34-9	0.25999958
188	Pipe0002	0
189	25-6	4.940001
190	64-2	0.70901971
191	64-3	0.54911992
192	64-4	0.15989998
193	60-3	0.1807
194	60-4	0.18069998
195	64-5	0.18069997
196	47-3	0.69335223
197	51-5	1.3970032
198	57-4	7.1896527
199	64-6	2.4899546
200	51-3	2.6767
201	64-7	1.06691
202	64-8	1.06691
203	27-4	8.0384399
204	ONGC Bokaro line	0.6
205	22-5	6.675616
206	Pipe0002-2	0.6

