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GSPL/COMM/2021/
Date: 1st June.2021

To
Shri K. Kittappa,
Petroleum and Natural Regulatory Board
1st Floor
World Trade Centre
Babar Road
New Delhi – 110001

Sub: Compliance of Access Code Regulations

Dear Sir,

With reference to the above subject, please find attached herewith declaration in format Schedule I of (i) GSPL's High Pressure Gujarat Gas Grid and (ii) GSPL's Low Pressure Gujarat Gas Grid in accordance with the provision of Regulation 4(2) of PNGRB Access Code Regulations 2008 for the month of June 2021.

The link of Schedule I web hosted on GSPL's website is <http://gspcgroup.com/GSPL/regulatory-requirements>

With Best Regards,

Yours Sincerely,

Ravindra Agrawal
Group ED (Gas Business)

Schedule – I

(As per PNGRB Access Code Regulations for natural gas pipeline)

Format for declaring capacity of Pipeline		
1	Name of entity	Gujarat State Petronet Limited.
2	Name of pipeline	GSPL's High Pressure Gujarat Gas Grid
3	Sectionwise capacity on the pipeline(to be furnished for each section separately):	* 31 MMSMCD
(a)	Number of sections:	
(b)	Name of section with start and end point:	
(c)	Capacity – (i) Volume terms (ii) Energy terms	
4	Number of AHAs:	14 Nos.
5	Number of entry points on the pipeline route:	Sources are Entry Points
6	Location of entry points:	
7	Number of exit points:	All customers are Exit points
8	Location of exit points:	
9	Entry point wise capacity	* As per Annexure-I
10	Exit point wise capacity	* As per Annexure-II
11	Technical parameters:	
(a)	Inlet pressure at entry point:	82 - 93 barg
(b)	Calorific value band at entry point:	8853.83 - 10517.58 kcal/scm (on GCV basis)
(c)	Temperature:	<= 55°C
(d)	Other elements as per Schedule - II:	As per PNGRB guidelines

(i)	Hydrocarbons dew pt (Degree Celsius, max.) **	0
(ii)	Water dew pt(Degree Celsius, max) **	0
(iii)	Hydrogen Sulphide (ppm by wt. max.)	5
(iv)	Total Sulphur (ppm by wt. max.)	10
(v)	Carbon dioxide (mole % max.)	3
(vi)	Total inerts (mole %)	1
(vii)	Temperature (Degree Celsius, max.)	55
(viii)	Oxygen (% mole vol. max.)	0.5
12	Status of extra capacity available in the pipeline system on common carrier basis:	Not Available***
13	Details of common carrier capacity being used by transporter itself or on contract carrier basis:	NIL
14	Any demand pending with the transporter for common carrier usage of the pipeline along with duration of such pendency:	Demand Pending (MMSCMD): NIL Duration of Pendency(In Days): NIL
15	Preference on entry and exit points:	Entry Point is near Gas Source and Exit points are various interconnects and customers

* As determined and declared by the PNGRB vide letter no. MI/NGPL/GGG/Capacity /GSPL dated 9th November, 2012.

** At the pipeline operating pressure

*** As per the provisions of PNGRB Act 2006 & Regulations notified there-under.

* Entry point wise capacity

Sr. No.	Name of supply	Flow at maximum Capacity (mmscmd)
1	RIL Bhadbut	18.579
2	ONGC Olpad	0.100
3	GAIL Petronet	7.655
4	GSPC LNG Ltd., Mundra	#
5	GIGL Palanpur	#

(# - Capacity to be determined by PNGRB)

* As determined and declared by the PNGRB vide letter no. MI/NGPL/GGG/Capacity /GSPL dated 9th November, 2012 for the period April, 2011 to March, 2012.

*Exit point wise capacity

Sr. No	Exit Points	Location	Flow at Maximum Capacity (in MMSCMD)
1	GGL+ JBF	Srikrishna	8.40865
2	Bhadhol TOP	Bhadhol	4.306
3	GGL TOP 5	Amboli	1.2
4	GPEC Paguthan	Paguthan	1.389
5	NTPC Jhanore	Jhanor	0.0
6	GNFC+Videocon	Bharuch	0.383
7	GACL Dahej	Dahej	0.05
8	GIPCL+ IOCL + IPCL + ADANI	Dhanora	1.895
9	GSFC	Baroda	0.72
10	DHUVARAN + GGL CAMBAY	Khambhat	0.445
11	CHAROTAR GAS	Gana	0.07
12	Gandhinagar	Gandhinagar	0.126
13	IFFCO + CNG	Kalol	1.283
14	ARVIND + SGL Santej	Santej	0.215
15	ASANTAP	Sonasan	0.102
16	SGL Kadi	Kadi	0.102
17	GGL Rajkot	Gauridhar	0.167
18	RIL + RPL	Padana	10.6115
19	GGL Thangadh	Thangadh	0.167
20	Cairn Delivery	wankaner	0.00
21	GGL Morbi	Morbi	0.304
22	Torrent AHD + Adani	Vatva	1.027
23	GFL+BC+GGL DAHEJ +Rox+Srju + DIC	Dahej	4.69446
24	GSEC Uttran	Uttran	1.45
25	GGL Vapi	Vapi	0.266
26	WEL + ALOK	Morai	0.37
27	Raymond	Paltana	0.02
28	Atul	Valsad	3.0
29	GGL Atakpardi	Atakpardi	0.008
30	GGL Gundlav	Gundlav	0.008
31	GGL Bhatai	Bhatai	0.033
32	HNG + GGL HALOL	Halol	0.356
33	SUZLON	Alva	0.05
34	SGL Himatnagar	Himatnagar	0.102
35	SGL SYNTAX	Tersapura	0.046
36	SGL Mandali	Mandali	0.102
37	SGL Mehasana	Mehsana	0.102

38	WEL+EUR+SU+IST+MET+AJ+RATNA + ELECT	Kutch	0.166
39	GGL FE + PET + VAT	Morbi	0.217
40	Pipavav + GGL	Pipavav	1.2
41	Mora LP	Mora	0.0
42	EOL	Motalakhiya	1.3
43	Nirma + BN	Alindra	0.025
44	GGL- SN + Moti Moldi	Salaya	0.333
45	HPCL + RIL + CHHAPARA	Nana Chiloda	0.06
46	GGL Sajod	Sajod	0.003
47	GGL Dbn	Dhabhan	0.005
48	GGL Kelod + Jubilant Spur	Kelod	0.002
49	Nano-	Sanand	0.015
50	GGL + JBF-1	Sarigam	1.76708
51	BC	Dahej	2.0
52	Rox	Dahej	1.03207
53	Srju	Dahej	0.31777
54	Videocon	Bharuch	0.001
55	STEELCO	Palej	0.00885
56	JCT	Kandari	0.11
57	Cosmo	Navi Jithardi	0.00115
58	GGL Kelod -2	Kelod	0.001
59	IST+ Resi + Mettrade	Bhimasar	0.0001
60	Ratna	Bhimasar	0.0001
61	Euro	Bhachau	0.0001
62	SU	Navakatariya	0.001
63	Electro	Navakatariya	0.001
64	Ajn	Navakatariya	0.001
65	Botad_CGS	Botad	0.000
66	Bhavanagar_CGS	Bhavnagar	0.000

* As determined and declared by the PNGRB vide letter no. MI/NGPL/GGG/Capacity /GSPL dated 9th November, 2012 for the period April, 2011 to March, 2012.

Schedule – I

(As per PNGRB Access Code Regulations for Natural Gas Pipeline)

Format for declaring capacity of Pipeline		
1	Name of entity	Gujarat State Petronet Limited
2	Name of pipeline	GSPL's Low Pressure Gujarat Gas Grid
3	Sectionwise capacity on the pipeline (to be furnished for each section separately) :	Capacity of the LP Gujarat Gas Grid is 12 MMSCMD. Section wise capacity is as under :
(a)	Number of sections:	
(b)	Name of section with start and end point:	
(c)	Capacity – (i) Volume terms (ii) Energy terms	1. Hazira-Mora Section: 49 MMSCMD. 2. Cairn-Mora Section: 19 MMSCMD. 3. Mora-Utran Section: 1 MMSCMD.
4	Number of AHAs:	9 Nos.
5	Number of entry points on the pipeline route:	Sources are Entry Point
6	Location of entry points:	
7	Number of exit points:	All customers are exit points
8	Location of exit points:	
9	Entry point wise capacity	* As per Annexure-I
10	Exit point wise capacity	* As per Annexure-II
11	Technical parameters:	
(a)	Inlet pressure at entry point:	39-48 barg
(b)	Calorific value band at entry point:	8853.83 - 10517.58 kcal/scm (on GCV basis)

(c)	Temperature:	$\leq 55^{\circ}\text{C}$
(d)	Other elements as per Schedule - II:	As per PNGRB guidelines.
(i)	Hydrocarbons dew pt (Degree Celsius, max.)	0
(ii)	Water dew pt (Degree Celsius, max)	0
(iii)	Hydrogen Sulphide (ppm by wt. max.)	5
(iv)	Total Sulphur (ppm by wt. max.)	10
(v)	Carbon dioxide (mole % max.)	3
(vi)	Total inerts (mole %)	1
(vii)	Temperature (Degree Celsius, max.)	55
(viii)	Oxygen(% mole vol. max.)	0.5
12	Status of extra capacity available in the pipeline system on common carrier basis:	Available*** 25% common carrier capacity is available
13	Details of common carrier capacity being used by transporter itself or on contract carrier basis:	NIL
14	Any demand pending with the transporter for common carrier usage of the pipeline along with duration of such pendency:	Demand Pending (MMSCMD): NIL Duration of Pendency(In Days): NIL
15	Preference on entry and exit points:	Entry Point is near Gas Source and Exit points are various interconnects and customers

* As determined and declared by the PNGRB vide letter no. MI/NGPL/GGG/Capacity /GSPL dated 9th November, 2012.

** At the pipeline operating pressure

*** As per the provisions of PNGRB Act. 2006 & Regulations notified thereunder

Annexure-I

* Entry Points Capacity

Sr. No.	Name of supply	Flow at maximum Capacity
1	Shell Supply	10.00
2	CAIRN Supply	0.479
3	PMT Supply	1.644

* As determined and declared by the PNGRB vide letter no. MI/NGPL/GGG/Capacity /GSPL dated 9th November, 2012 for the period April, 2011 to March, 2012.

***Exit Points Capacity**

Sr. No.	Exit Points	Location	Flow at Maximum Capacity (MMSCMD)
1	NTPC Kawas	Aditya Nagar	0.00
2	KRIBHCO	Hazira	1.602
3	GSEC Utran	Utran	0.06
4	GGL T-1-2	Hazira	2.206
5	Essar power + Essar Steel	Hazira	7.99
6	GSEG	Hazira	0.73
7	GGL CNG	Hazira	0.025

* As determined and declared by the PNGRB vide letter no. MI/NGPL/GGG/Capacity /GSPL dated 9th November, 2012 for the period April, 2011 to March, 2012.