

# ENTRY AND EXIT POINT CAPACITY- SUPPLY MAINS OF DISTRIBUTION SYSTEM - SINDH

Aug-2022

| Sr. No. | Region Name | Entry Points               |                          | Exit Points                                   |                             |                              |                      |                                            | Gas Specifications                                                |    |      |    |     | Remarks |
|---------|-------------|----------------------------|--------------------------|-----------------------------------------------|-----------------------------|------------------------------|----------------------|--------------------------------------------|-------------------------------------------------------------------|----|------|----|-----|---------|
|         |             | Sales Meter Station Name * | SMS Operational Capacity | Operational Pressure for Capacity Calculation | Capacity of Supply Mains ** | Committed / Contractual Load | Allocated to Shipper | Available (spare) Capacity in Supply Mains |                                                                   |    |      |    |     |         |
|         |             |                            |                          |                                               |                             |                              |                      |                                            | GCV                                                               | WI | Temp | N2 | CO2 |         |
|         |             |                            | MMCFD                    | PSIG                                          | MMCFD                       | MMCFD                        |                      | MMCFD                                      |                                                                   |    |      |    |     |         |
| 1       | Hyderabad   | TPS Jamshoro               | 120                      | 300                                           | 80                          | 62                           | Nil                  | 18                                         | As measured in Transmission System by relevant department of SSGC |    |      |    |     |         |
| 2       | Hyderabad   | New Kotri                  | 25                       | 120                                           | 25                          | 65.7                         | Nil                  | Nil                                        |                                                                   |    |      |    |     |         |
| 3       | Hyderabad   | Nooriabad-II (New)         | 35                       | 120                                           | 25                          | 41.5                         | Nil                  | Nil                                        |                                                                   |    |      |    |     |         |
| 4       | Hyderabad   | Hyderabad 3rd Supply Main  | 60                       | 100                                           | 35                          | 42.3                         | Nil                  | Nil                                        |                                                                   |    |      |    |     |         |
| 5       | Hyderabad   | Lucky Cement               | 20                       | 110                                           | 17                          | 29.5                         | Nil                  | Nil                                        |                                                                   |    |      |    |     |         |
| 6       | Hyderabad   | Sindh Nooriabad Power      | 20                       | 190                                           | 20                          | 20                           | Nil                  | Nil                                        |                                                                   |    |      |    |     |         |
| 7       | Hyderabad   | TPS Kotri                  | 40                       | 320                                           | 20                          | 20                           | Nil                  | Nil                                        |                                                                   |    |      |    |     |         |
| 8       | Hyderabad   | Dhabeji                    | 20                       | 100                                           | 3.3                         | 13.6                         | Nil                  | Nil                                        |                                                                   |    |      |    |     |         |
| 9       | Hyderabad   | Nooriabad-I (NTCL)         | 1                        | 79                                            | 0.5                         | 0.5                          | Nil                  | Nil                                        |                                                                   |    |      |    |     |         |

## \*\*Supply Main Segments

- 16" dia x 3.53 Kms Supply Main feeding Thermal Power Station Jamshoro
- 12" dia x 9.1 Kms Supply Main feeding Industrial Area Kotri
- 18", 16" & 12" dia x 6.9, 3.1 & 10.9 Kms Supply Main feeding Nooriabad Site
- 16" dia x 14.945 Kms Supply Main Hyderabad feeding Site Area Hyderabad, Latifabad and some portion of Hyderabad city.
- 8" dia x 1.608 kms Supply Main feeding Lucky Cement
- 12" dia x 18 Kms Supply Main feeding Sindh Nooriabad Power Company
- 12" dia x 8.230 Kms Supply Main feeding Thermal power station Kotri
- 6" dia x 9.5 Kms Supply Main feeding Industrial Area Dhabeji, Dhabeji & Ghara Twon.
- 4" dia x 6.7 Kms Supply Main feeding NTCL Nooriabad

\* The Entry Points of Distribution Network are the Sales Meter Stations (SMSs).

### Important Notes :

- Calculated capacities of Supply Mains i.e. downstream of SMSs may change depending upon location and demand of customers. For modification/extension/expansion of network, the shipper will be required to bear the cost (including allied cost) to meet capacity requirements as per Rule4 (k) of TPA Rules, 2018 provided it is technically/operationally feasible for the Company. Request for transportation service at any specific location based on available (spare) Capacity on Supply Mains of Distribution System will be evaluated by the Transporter on case to case basis, keeping in view the system operational constraints, system integrity, location and time of the year in line with provisions of Schedule II of TPA Rules, 2018 and Appendix E (Capacity Allocation Methodology) of Pakistan Gas Network Code.
- The available (spare) capacities in Supply Mains of Distribution System will be offered to shipper on 'Interruptible Basis.
- Total available capacity in Supply mains of distribution system will depend upon the total available capacity in relevant segment of transmission network