

Declaration of Capacity of Gas Pipeline Transportation System by SNGPL - February 2021

Name of Transportor: **Sui Northern Gas Pipeline Limited**

Exit Points - Transmission system

SMS Cum CMS: Extra capacity is currently not available at these existing Exit Points (SMS-cum-CMSs) due to prevailing contracts/agreements with SNGPL. However, if any consumer at the existing Exit point(s) discontinues its contract with SNGPL and wants to bring its own gas or decides to switch to some other shipper then the capacity at these Exit point(s) (SMS-cum-CMS) may become available.

| Description | Contracted | Available | Status of Extra Capacity Available | Used by Transporter | Allocated to each Shipper | Gas Specification | | | | | | | | | | |
|--------------------------|--------------|-----------|------------------------------------|---------------------|---------------------------|-------------------|-----------|----------|---------------|---------------|-----------|----------|----------|---------------------|------------|------------|
| | | | | | | Delivery Pressure | GCV (Min) | WI (Min) | Sulfur (Max) | H2S (Max) | CO2 (Max) | N2 (Max) | O2 (Max) | Water Content (Max) | HCDP (Max) | Temp (Max) |
| | | | | | | PSIG | BTU/Scf | BTU/Scf | Grain/100 Scf | Grain/100 Scf | Mole% | Mole% | Mole% | Lbs/MMCF | Deg F | Deg F |
| | MMCFD | | | | | | | | | | | | | | | |
| GUDDU (Dedicated) | 50 | 0 | N/A | 50 | NIL | 200 | 725 | 878 | 20 | 7 | 8 | 15 | 1 | 7 | 32 | 130 |
| ENGRO ENERGY (Dedicated) | 75 | 0 | N/A | 75 | NIL | 406~464 | 675 | 750 | - | 20 | 24 | 10 | - | 7 | 32 | 145 |
| ROUSCH | 85 | 0 | N/A | 85 | NIL | 600~650 | 900 | 1180 | 3.5 | 0.24 | 3 | 7 | 0.2 | 7 | 32 | 120 |
| FKCPL | 30 | 0 | N/A | 30 | NIL | 350~430 | 900 | 1180 | 3.5 | 0.24 | 3 | 7 | 0.2 | 7 | 32 | 120 |
| KAPCO | 250 | 0 | N/A | 250 | NIL | 350 | 900 | 1180 | 3.5 | 0.24 | 3 | 7 | 0.2 | 7 | 32 | 120 |
| MUZAFFAR GARH | 150 | 0 | N/A | 150 | NIL | 180 | 900 | 1180 | 3.5 | 0.24 | 3 | 7 | 0.2 | 7 | 32 | 120 |
| MULTAN WAPDA | 20 | 0 | N/A | 20 | NIL | 350 | 900 | 1180 | 3.5 | 0.24 | 3 | 7 | 0.2 | 7 | 32 | 120 |
| SAIF POWER | 38 | 0 | N/A | 38 | NIL | 425 | 900 | 1180 | 3.5 | 0.24 | 3 | 7 | 0.2 | 7 | 32 | 120 |
| ORIENT POWER | 38 | 0 | N/A | 38 | NIL | 400~450 | 900 | 1180 | 3.5 | 0.24 | 3 | 7 | 0.2 | 7 | 32 | 120 |
| HALMORE POWER | 38 | 0 | N/A | 38 | NIL | Not less 425 | 900 | 1180 | 3.5 | 0.24 | 3 | 7 | 0.2 | 7 | 32 | 120 |
| SAPHIRE POWER | 38 | 0 | N/A | 38 | NIL | Not less 450 | 900 | 1180 | 3.5 | 0.24 | 3 | 7 | 0.2 | 7 | 32 | 120 |
| HBS | 181 | 0 | N/A | 181 | NIL | 500~700 | 900 | 1180 | 3.5 | 0.24 | 3 | 7 | 0.2 | 7 | 32 | 120 |
| BALLOKI | 182 | 0 | N/A | 182 | NIL | 290~400 | 900 | 1180 | 3.5 | 0.24 | 3 | 7 | 0.2 | 7 | 32 | 120 |
| QATPL | 177 | 0 | N/A | 177 | NIL | 290~400 | 900 | 1180 | 3.5 | 0.24 | 3 | 7 | 0.2 | 7 | 32 | 120 |
| NANDIPUR | 100 | 0 | N/A | 100 | NIL | Max 300 | 900 | 1180 | 3.5 | 0.24 | 3 | 7 | 0.2 | 7 | 32 | 120 |
| ENGRO CHEMICALS | 100 | 0 | N/A | 100 | NIL | 700 | 900 | 1180 | 3.5 | 0.24 | 3 | 7 | 0.2 | 7 | 32 | 120 |
| PAK ARAB | 45 | 15 | Available | 0 | PFL = 45 | 650 | 900 | 1180 | 3.5 | 0.24 | 3 | 7 | 0.2 | 7 | 32 | 120 |
| FATIMA FERT | 45 | 0 | N/A | 45 | NIL | 450 | 900 | 1180 | 3.5 | 0.24 | 3 | 7 | 0.2 | 7 | 32 | 120 |
| BULLEH SHAH (PACKAGES) | 20 | 0 | N/A | 20 | NIL | 35 | 900 | 1180 | 3.5 | 0.24 | 3 | 7 | 0.2 | 7 | 32 | 120 |

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Exit Points - Transmission system

FOR NEW EXIT POINTS - OTHER THAN THE EXISTING SMS-CUM-CMSs : If new Exit Point(s), other than the existing SMS-cum-CMSs, are required on transmission network, then spare pipeline capacity is available in the segments tabulated below.

| Description | Available Capacity (MMCFD) |
|--|---------------------------------------|
| From Sawan Interconnection Point up to Bhong (AC1X compressor Station) | 154 |
| From Sui Interconnection Point up to to Bhong (AC1X compressor Station) | 155 |
| From Bhong (AC1X Compressor Station) up to Uch Sharif (AC4 Compressor Station) | 309 |
| From Uch Sharif (AC4 Compressor Station) up to Qasba Maral (AV22 Valve Assembly) | 235 |
| From Qasba Maral (AV22 Valve Assembly) up to Multan (AC6 Compressor Station) | 190 |
| Downstream of Multan (AC6 Compressor Station) on main Transmission trunk pipelines at entire network | 220 |