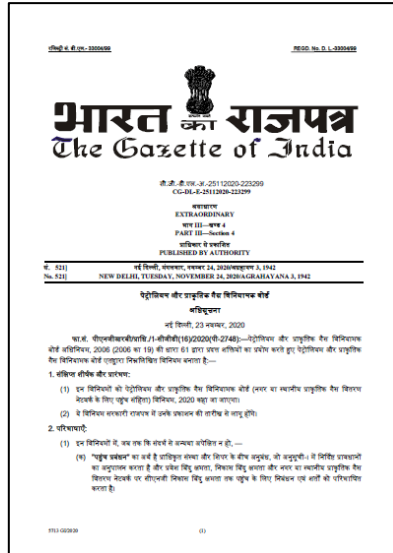
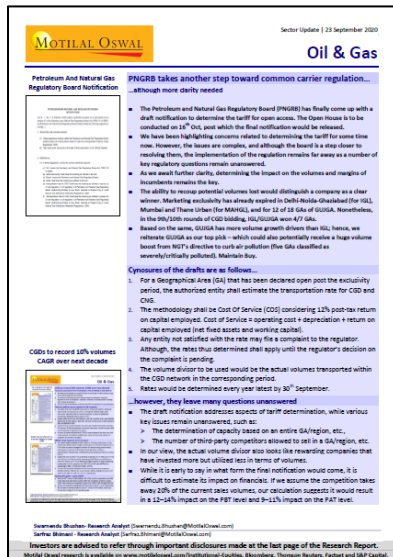


## Petroleum and Natural Gas Regulatory Board Notification



## Our earlier report: PNGRB takes another step toward common carrier regulation



## Open access: The wait ends, but clarity awaited

- Subsequent to earlier drafts and open houses for access code for CGDs, the regulatory board (PNGRB) has finally published its regulations. Key excerpts are listed in the subsequent paragraph below.
- As per our discussions with various industry experts, around 40-45 GAs, where the marketing exclusivity has ended, have been identified pan India. However, the proposed open access will be implemented in a phased manner, with the first batch targeting only 6-8 GAs for pilot implementation.
- Marketing exclusivity has already expired in Delhi-Noida-Ghaziabad for IGL, Mumbai-Thane urban-Raigad for MAHGL, and for 12 of 18 GAs of GUJGA.
- The pilot would be conducted under the preview of the new PNGRB chairman as the tenure of the current chairman is about to end in Dec'20.
- We believe that the process of implementation of the final draft regulation would be slow, although competition would commence eventually.
- Also, one crucial directive to highlight is that in the interest of creation of additional infrastructure, existing CNG or LCNG stations (run by dealers and franchises of authorized entities) on the date of notification of a GA as an open carrier would not be considered as a third-party shipper. Even so, the question remains on what happens when these contracts would lapse (as these outlets are contracted for a finite period of time, which requires renewal).
- We do not change any of our current recommendations and reiterate GUJGA as our top pick given its huge potential in terms of recouping the probable loss in volumes. Nonetheless, in the 9th/10th rounds of CGD bidding, IGL/GUJGA won four/seven GAs, while MAHGL bagged none.

## Excerpts for the open access for CGDs

- **Capacity declaration** has been set as a minimum 20% of: (whichever is higher)
  - the CGD network and compression capacity; or
  - the maximum quantity of gas that has flowed into the CGD network or through compressors even for a period of one day in the past.
- If the above stated open access capacity in a CGD network falls below 10%, the incumbent would have to increase capacity of the CGD network within six months from the date it has fallen below 10%.
- **Capacity allocation** – The incumbent is required to publish information on various entry and exit points within 21 days from the declaration of a GA as open carrier. However, the regulatory board is yet to declare GAs where marketing exclusivity has expired.
- If total booking requests from all third-party shippers is less than 20% as mandated by PNGRB, then every shipper should be allocated with their requested capacity. If total booking requests are more than 20%, the allocation would be based on the highness of the product of the sum of the entry points MDQ and the period of capacity booking.
- **Charges:** The shipper would pay the incumbent transportation rate for CGD and CNG along with other charges (like overrun charges, system imbalance charges, off-spec gas charges, applicable taxes and duties, etc.).
- Transportation tariff would be determined by the incumbent. Only if there is any dispute, PNGRB would look into the tariff determination.

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**Valuation and recommendation**

- GUJGA has more volume growth drivers than IGL and could potentially receive a huge volume boost from NGT's directive to curb air pollution (five GAs classified as severely/critically polluted).
- Also, IGL aims to facilitate competition as this would aid gas market expansion. We believe IGL has the most lucrative market for a competitor in the form of well-balanced volumes and margin mix.
- GUJGA trades at 19.6x FY22E EPS of INR17.6, a discount of ~25% to IGL (which trades at 26.3x FY22E EPS of INR17.0) despite having a similar volume growth potential of 10-12% in the medium term.
- We reiterate our Buy rating on GUJGA and maintain Neutral on IGL.

**Exhibit 1: Peer comparison – valuation snapshot**

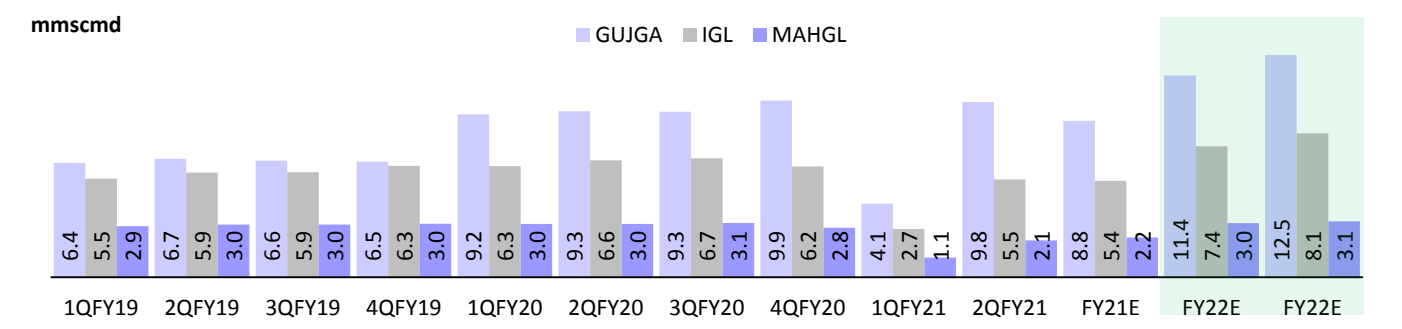
| Company | TP (INR) | (% ) Upside | EPS (INR) |       |       | P/E (x) |       |       | P/BV (x) |       |       | EV/EBITDA (x) |       |       | RoE (%) |       |       |
|---------|----------|-------------|-----------|-------|-------|---------|-------|-------|----------|-------|-------|---------------|-------|-------|---------|-------|-------|
|         |          |             | FY20      | FY21E | FY22E | FY20    | FY21E | FY22E | FY20     | FY21E | FY22E | FY20          | FY21E | FY22E | FY20    | FY21E | FY22E |
| GUJGA   | 440      | 28          | 17.3      | 15.9  | 17.6  | 19.9    | 21.6  | 19.6  | 7.2      | 5.7   | 4.6   | 14.9          | 12.9  | 11.5  | 43.6    | 29.4  | 26.1  |
| IGL     | 485      | 8           | 16.2      | 12.9  | 17.0  | 27.6    | 34.8  | 26.3  | 6.2      | 5.4   | 4.6   | 19.3          | 22.6  | 17.1  | 28.3    | 16.6  | 19.0  |
| MAHGL   | 1,100    | 18          | 80.3      | 52.9  | 68.3  | 11.6    | 17.6  | 13.6  | 3.1      | 2.9   | 2.6   | 7.5           | 10.2  | 7.7   | 29.7    | 17.0  | 20.1  |

Source: MOFSL

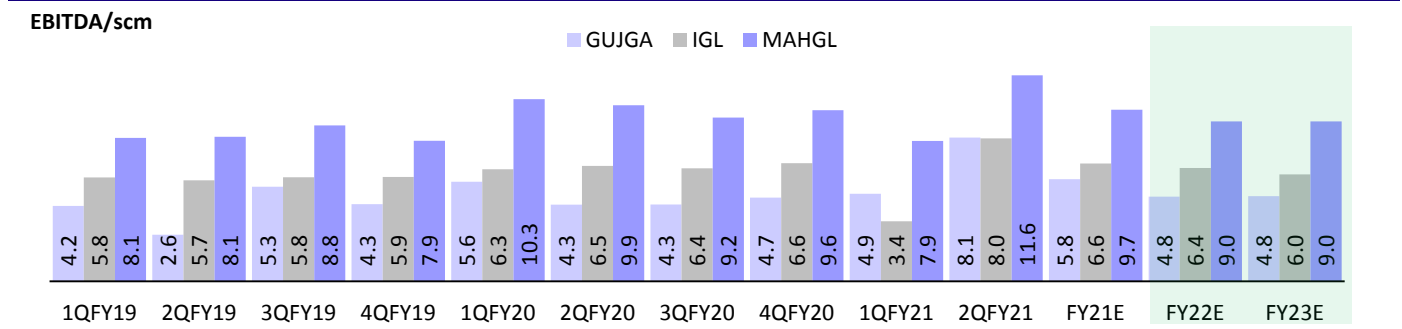
**Exhibit 2: Marketing exclusivity in different Gas (lapse year)**

| CGD   | Geographical Area                       | Marketing exclusivity |
|-------|---|-----------------------|
| IGL   | Delhi                                   | 2012                  |
|       | Rewari, Dharuhera and Bawal             | 2021                  |
|       | Karnal                                  | 2023                  |
| GUJGA | Surat-Bharuch-Ankleshwar                | 2015                  |
|       | Hazira                                  | 2017                  |
|       | Nadiad                                  | 2018                  |
|       | Navsari                                 | 2018                  |
|       | Rajkot                                  | 2018                  |
|       | Surendranagar                           | 2018                  |
|       | Jamnagar                                | 2019                  |
|       | Bhavnagar                               | 2019                  |
|       | Kutch (West)                            | 2019                  |
|       | Valsad                                  | 2020                  |
|       | Union Territory of Dadra & Nagar Haveli | 2020                  |
|       | Palghar and Thane rural                 | 2020                  |
|       | Amreli                                  | 2021                  |
|       | Dahej-Vagra Taluka                      | 2021                  |
|       | Ahmedabad                               | 2021                  |
|       | Dahod                                   | 2021                  |
|       | Anand                                   | 2021                  |
|       | Panchmahal                              | 2021                  |
| MAHGL | Mumbai and Greater Mumbai               | 2012                  |
|       | Thane                                   | 2014                  |
|       | Raigad                                  | 2020                  |

Source: MOFSL

**Exhibit 3: Volume snapshot and assumptions (mmscmd)**

Source: MOFSL

**Exhibit 4: EBITDA/scm snapshot and assumptions (INR)**

Source: MOFSL

**Exhibit 5: Financial summary and valuations**

| Company                 | GUJGA    |        |          | IGL     |         |         | MAHGL   |         |         |
|-------------------------|----------|--------|----------|---------|---------|---------|---------|---------|---------|
| YE (INR mn)             | FY20     | FY21E  | FY22E    | FY20    | FY21E   | FY22E   | FY20    | FY21E   | FY22E   |
| Net sales               | 1,03,003 | 96,224 | 1,35,280 | 64,853  | 51,267  | 68,559  | 29,721  | 19,566  | 24,422  |
| EBITDA                  | 16,343   | 18,460 | 19,740   | 15,196  | 13,119  | 17,147  | 10,528  | 7,863   | 10,007  |
| EBIT                    | 13,163   | 15,103 | 16,274   | 12,674  | 10,271  | 14,080  | 8,911   | 6,085   | 7,996   |
| PBT                     | 12,078   | 14,646 | 16,162   | 14,157  | 11,924  | 15,946  | 9,835   | 7,052   | 9,012   |
| Adj. PAT                | 11,933   | 10,960 | 12,094   | 11,365  | 9,006   | 11,927  | 7,935   | 5,226   | 6,744   |
| Equity                  | 1,377    | 1,377  | 1,377    | 1,400   | 1,400   | 1,400   | 988     | 988     | 988     |
| Net worth               | 32,906   | 41,538 | 51,063   | 50,624  | 57,992  | 67,462  | 29,527  | 32,012  | 35,219  |
| Total debt              | 18,344   | 15,344 | 12,344   | 0       | 0       | 0       | 176     | 352     | 352     |
| Cash                    | 6,919    | 10,343 | 18,795   | 21,799  | 18,092  | 22,350  | 2,295   | 806     | 3,942   |
| Net debt                | 11,425   | 5,001  | -6,452   | -21,799 | -18,092 | -22,350 | -13,333 | -11,669 | -14,805 |
| FCF                     | 12,790   | 9,209  | 14,134   | 7,787   | -2,069  | 6,715   | 6,903   | 108     | 5,656   |
| <b>Per share (INR)</b>  |          |        |          |         |         |         |         |         |         |
| EPS                     | 17.3     | 15.9   | 17.6     | 16.2    | 12.9    | 17.0    | 80.3    | 52.9    | 68.3    |
| BV                      | 47.8     | 60.3   | 74.2     | 72.3    | 82.8    | 96.4    | 298.9   | 324.1   | 356.5   |
| DPS                     | 1.3      | 2.8    | 3.1      | 2.8     | 2.0     | 3.0     | 35.0    | 23.0    | 29.7    |
| <b>Valuation ratios</b> |          |        |          |         |         |         |         |         |         |
| P/E (x)                 | 19.9     | 21.6   | 19.6     | 27.6    | 34.8    | 26.3    | 11.6    | 17.6    | 13.6    |
| P/BV (x)                | 7.2      | 5.7    | 4.6      | 6.2     | 5.4     | 4.6     | 3.1     | 2.9     | 2.6     |
| EV/Sales (x)            | 2.4      | 2.5    | 1.7      | 4.5     | 5.8     | 4.3     | 2.6     | 4.1     | 3.2     |
| EV/EBITDA (x)           | 14.9     | 12.9   | 11.5     | 19.3    | 22.6    | 17.1    | 7.5     | 10.2    | 7.7     |
| Div. Yield (%)          | 0.4      | 0.8    | 0.9      | 0.6     | 0.4     | 0.7     | 3.8     | 2.5     | 3.2     |
| <b>Key ratios</b>       |          |        |          |         |         |         |         |         |         |
| EBITDA margin (%)       | 15.9     | 19.2   | 14.6     | 23.4    | 25.6    | 25.0    | 35.4    | 40.2    | 41.0    |
| Adj. PAT margin (%)     | 11.6     | 11.4   | 8.9      | 17.5    | 17.6    | 17.4    | 26.7    | 26.7    | 27.6    |
| RoE (%)                 | 43.6     | 29.4   | 26.1     | 28.3    | 16.6    | 19.0    | 29.7    | 17.0    | 20.1    |
| RoCE (%)                | 29.8     | 29.7   | 28.9     | 27.1    | 16.1    | 18.5    | 29.8    | 17.0    | 20.0    |
| ROIC (%)                | 0.0      | 0.0    | 0.0      | 60.9    | 32.4    | 38.3    | 55.8    | 27.9    | 30.5    |
| <b>Leverage ratio</b>   |          |        |          |         |         |         |         |         |         |
| Debt/Equity             | 0.6      | 0.4    | 0.2      | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     | 0.0     |
| Net Debt/Equity         | 0.3      | 0.1    | -0.1     | -0.4    | -0.3    | -0.3    | -0.5    | -0.4    | -0.4    |

Source: MOFSL

## NOTES

| Explanation of Investment Rating |  |
|----------------------------------|--|
| Investment Rating                | Expected return (over 12-month)  |
| BUY                              | >=15%  |
| SELL                             | < - 10%  |
| NEUTRAL                          | < - 10 % to 15%  |
| UNDER REVIEW                     | Rating may undergo a change  |
| NOT RATED                        | We have forward looking estimates for the stock but we refrain from assigning recommendation |

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