

# **Mahanagar Gas**

Buy

Estimate change	
TP change	I I
Rating change	<b>←</b>

Bloomberg	MAHGL IN
Equity Shares (m)	99
M.Cap.(INRb)/(USDb)	78 / 1
52-Week Range (INR)	1205 / 666
1, 6, 12 Rel. Per (%)	-7/-6/-40
12M Avg Val (INR M)	463

#### Financials & Valuations (INR b)

Y/E March	FY22	FY23E	FY24E
Sales	35.6	56.2	48.4
EBITDA	9.2	10.5	11.5
Adj. PAT	6.0	6.7	7.2
Adj. EPS (INR)	60.4	67.6	73.1
EPS Gr. (%)	-3.6	11.9	8.1
BV/Sh.(INR)	364.2	404.8	448.6
Ratios			
Net D:E	-0.1	-0.3	-0.2
RoE (%)	17.5	17.6	17.1
RoCE (%)	17.5	17.7	17.2
Payout (%)	38.1	40.0	40.0
Valuation			
P/E (x)	13.1	11.7	10.8
P/BV (x)	2.2	2.0	1.8
EV/EBITDA (x)	8.0	6.3	5.8
Div. Yield (%)	2.9	3.4	3.7
FCF Yield (%)	3.3	11.8	2.2

### Shareholding pattern (%)

As On	Jun-22	Mar-22	Jun-21
Promoter	32.5	32.5	32.5
DII	26.1	27.3	28.4
FII	25.8	25.0	29.6
Others	15.6	15.2	9.5

FII Includes depository receipts

## Margin pressures persist; volumes at a record high

MAHGL reported an inline earnings. Record high volumes of 3.45mmscmd (up 44% YoY and 9% QoQ) has been offset by a softer EBITDA margin at INR9.1/scm (down 35% YoY). EBITDA stood at INR2.8b (down 6% YoY, but up 33% QoQ).

**TP: INR951 (+20%)** 

- While sales volumes were soaring higher in 1QFY23 due to a base effect, we expect a muted growth in FY24 over FY23 due to a lack of growth opportunities.
- Spot LNG prices have increased to ~USD41/mmBtu in Jul'22 from USD28/mmBtu in 1QFY23. Domestic APM gas prices are also expected to rise by ~50% from Oct'22, resulting in a pressure on EBITDA/scm.
- MAHGL has taken a few price hikes in FY23 till date. However, with each rise, incremental hikes become difficult. OMCs have also been seeking higher commissions. Around 65% of CNG volumes for MAHGL accrue from OMC outlets.
- Considering the above, we feel it is unlikely for MAHGL to maintain EBITDA margin at higher levels (like that in FY21). We lower our FY23/FY24 EBITDA margin to INR8.5/INR9 per scm and EBITDA by 14%/10%, led by an increase in gas costs.
- We value the stock at 13x FY24E EPS to arrive at our TP of INR951. We maintain our Buy rating owing to its relatively cheap valuations.

### Volume and revenue in line, miss on margin

- Total volumes were 9% higher than our estimate at 3.4mmscmd (up 44% YoY and 9% QoQ). CNG volumes were at a record high of 2.5mmscmd (12% higher than our estimate, up 64% YoY and 12% QoQ). Total PNG volumes stood at 0.9mmscmd (2% higher than our estimate, up 7% YoY and 2% QoQ). EBITDA/scm was below our estimate at INR9.1 (est. INR10).
- Accordingly, EBITDA came in line at INR2.8b (down 6% YoY, but up 33% QoQ). Reported PAT stood in line at INR1.8b (down 9% YoY, but up 41% QoQ).

#### Valuation and view

**CMP: INR790** 

- A volume boost is expected from further developments at Raigad (expect a peak demand of 0.6mmscmd over the next three-to-four years).
- PNG commercial penetration in MAHGL's GAs stands ~20%. It has the requisite pipeline infrastructure and only last-mile connectivity is required.
- All of the above should aid volume growth for the company, coupled with a boost from the increase in the need for personal mobility during the current COVID times. Factoring in the same, we build in ~8% volume CAGR in FY24 over FY22.
- We value the stock at 13x FY24E EPS to arrive at our TP of INR951. We maintain our Buy rating.

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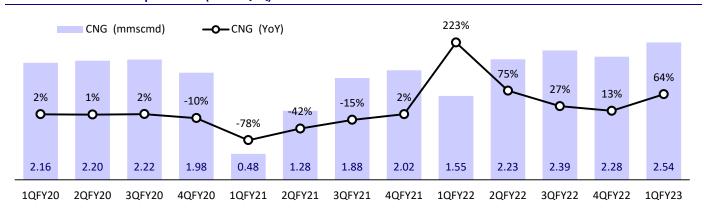
Standalone - Quarterly Earning Model	(INR m)

Y/E March		FY2	22			FY2	FY23E	FY23	Var.		
	1Q	2Q	3Q	4Q	1Q	2QE	3QE	4QE		1QE	(%)
Net Sales	6,155	8,301	10,278	10,868	14,548	14,470	14,443	12,708	56,168	13,388	9%
YoY Change (%)	135.1	63.8	54.2	51.4	136.4	74.3	40.5	16.9	57.8	117.5	
EBITDA	3,040	3,018	1,031	2,155	2,856	2,703	2,780	2,153	10,491	2,887	-1%
EBITDA/SCM	13.9	10.5	3.4	7.6	9.1	8.5	8.8	7.6	8.5	10.0	-9%
Margins (%)	49.4	36.4	10.0	19.8	19.6	18.7	19.2	16.9	18.7	21.6	
Depreciation	453	473	482	555	537	572	578	579	2,266	566	-5%
Interest	17	20	15	23	23	22	23	15	83	21	
Other Income	186	226	218	227	200	198	200	187	785	200	0%
PBT	2,756	2,751	752	1,804	2,496	2,307	2,380	1,745	8,927	2,500	0%
Tax	716	708	184	486	644	581	599	424	2,247	629	2%
Rate (%)	26.0	25.7	24.5	26.9	25.8	25.2	25.2	24.3	25.2	25.2	
Reported PAT	2,041	2,043	568	1,318	1,852	1,726	1,781	1,321	6,680	1,871	-1%
Adj PAT	2,041	2,043	568	1,318	1,852	1,726	1,781	1,321	6,680	1,871	-1%
YoY Change (%)	351.0	41.5	-73.9	-38.1	-9.3	-15.5	213.5	0.3	11.9	-8.3	
Margins (%)	33.2	24.6	5.5	12.1	12.7	11.9	12.3	10.4	11.9	14.0	
Sales Volumes (mmscmd)											
CNG	1.6	2.2	2.4	2.3	2.5	2.5	2.5	2.2	2.4	2.3	12%
PNG - Domestic	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	-3%
PNG - Industrial/ Commercial	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	0.5	0.4	7%
PNG - Total	0.8	0.9	0.9	0.9	0.9	0.9	1.0	0.9	0.9	0.9	2%
Total Volumes	2.4	3.1	3.3	3.2	3.4	3.5	3.4	3.2	3.4	3.2	9%

### **Operational Highlights**

		FY2	.0			FY2	21			FY2	2		FY23	YoY	QoQ
Volume (mmscmd)	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2QFY	3Q	4Q	1Q	(%)	(%)
CNG (mmscmd)	2.16	2.20	2.22	1.98	0.48	1.28	1.88	2.02	1.55	2.23	2.39	2.28	2.54	64%	12%
CNG (YoY)	2%	1%	2%	-10%	-78%	-42%	-15%	2%	223%	75%	27%	13%	64%		
PNG (mmscmd)	0.80	0.80	0.83	0.80	0.63	0.80	0.89	0.87	0.85	0.89	0.91	0.89	0.91	7%	2%
PNG (YoY)	7%	2%	5%	-1%	-21%	0%	7%	8%	34%	12%	3%	3%	7%		
Total Volumes (mmscmd)	2.97	3.00	3.05	2.78	1.11	2.07	2.77	2.89	2.40	3.12	3.30	3.17	3.45	44%	9%
Total Volumes (YoY)	3%	1%	3%	-7%	-62%	-31%	-9%	4%	115%	51%	19%	10%	44%		
EBITDA/SCM (INR)	10.3	9.9	9.2	9.6	7.9	11.6	12.4	12.1	13.9	10.5	3.4	7.6	9.1	-35%	20%

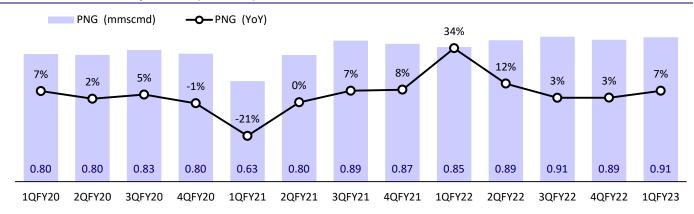
Exhibit 1: CNG volumes up 64% YoY (+12% QoQ) to 2.54mmscmd



Source: Company, MOFSL

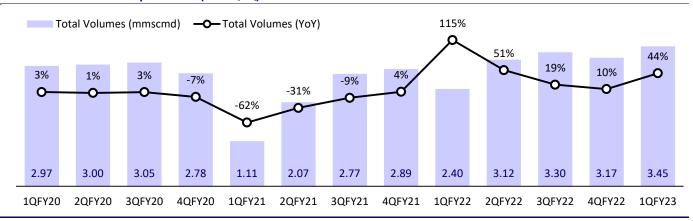
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Exhibit 2: PNG volumes up 7% YoY (+2% QoQ) to 0.91mmscmd



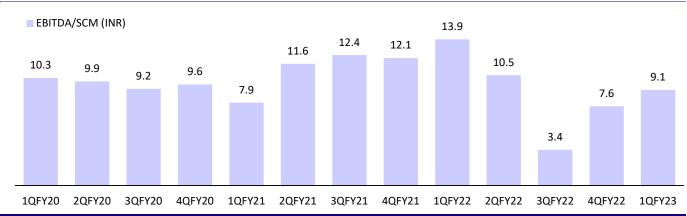
Source: Company, MOFSL

Exhibit 3: Total volumes up 44% YoY (+9% QoQ) to 3.45mmscmd



Source: Company, MOFSL

Exhibit 4: EBITDA/scm came in at INR9.1/scm (-35% YoY, +20% QoQ)



Source: Company, MOFSL

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## **Story in charts**

**Exhibit 5: Volume growth snapshot** 

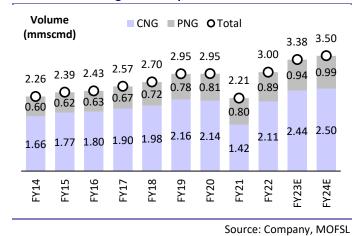
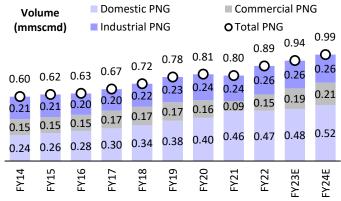


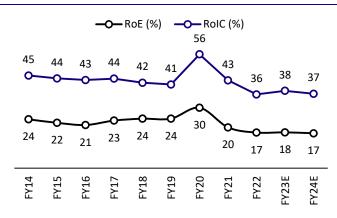
Exhibit 6: PNG segment-wise volumes



Source: Company, MOFSL

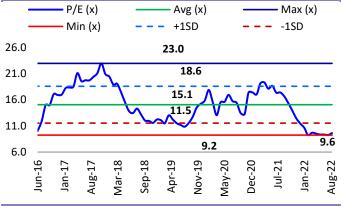
Exhibit 7: EBITDA/scm to be at ~8.5-9mmscmd over FY23–24E

Exhibit 8: ROE to hover around 17%



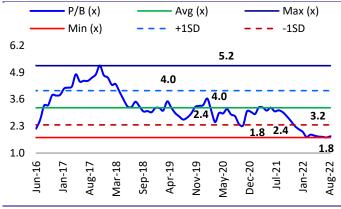
Source: Company, MOFSL Source: Company, MOFSL

Exhibit 9: 1-year fwd. PE trades at 36% discount to LT average of 15.1x...



Source: Company, MOFSL

Exhibit 10: ...and 1-year fwd. PB trades at discount of ~44% to LT average of 3.2x



Source: Company, MOFSL

7 August 2022

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## **Financials and valuations**

Appl. of Funds

Standalone - Income Statement Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	(INR m
Total Income from Operations	20,340	22,330	27,911	29,721	21,525	35,602	56,168	48,448
Change (%)	-2.1	9.8	25.0	6.5	-27.6	65.4	57.8	-13.
EBITDA	6,442	<b>7,806</b>	8,855	10,528	9,340	9,243	10,491	11,48
Margin (%)	31.7	35.0	31.7	35.4	43.4	26.0	18.7	23.
Depreciation	951	1,112	1,259	1,617	1,737	1,963	2,266	2,43
EBIT	5,490	6,694	7,595	8,911	7,603	7,281	8,225	9,05
Int. and Finance Charges	10	3	3	65	7,003	7,281	83	8:
Other Income	527	<u>5</u>	<u></u>	990	805	857	785	68
PBT bef. EO Exp.	6,007	<b>7,265</b>	8,369	9,835		8,063	8,927	9,65
					8,336			
PBT after EO Exp.	6,007	7,265	8,369	9,835	8,336	8,063	8,927	9,65
Total Tax	2,072	2,487	2,905	1,900	2,140	2,093	2,247	2,430
Tax Rate (%)	34.5	34.2	34.7	19.3	25.7	26.0	25.2	25.
Reported PAT	3,934	4,779	5,464	7,935	6,196	5,970	6,680	7,22
Adjusted PAT	3,934	4,779	5,464	7,935	6,196	5,970	6,680	7,22
Change (%)	26.5	21.5	14.3	45.2	-21.9	-3.6	11.9	8.
Margin (%)	19.3	21.4	19.6	26.7	28.8	16.8	11.9	14.9
Standalone - Balance Sheet								(INR m
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24
Equity Share Capital	988	988	988	988	988	988	988	988
Total Reserves	17,413	19,966	23,001	28,539	31,336	34,985	38,994	43,32
Net Worth	18,400	20,954	23,989	29,527	32,324	35,973	39,981	44,31
Total Loans	27	12	0	176	168	206	206	20
Deferred Tax Liabilities	1,376	1,748	2,048	1,607	1,773	2,008	2,008	2,008
Capital Employed	19,804	22,714	26,037	31,310	34,264	38,187	42,195	46,53
Gross Block	14,775	18,159	21,732	25,024	27,918	34,048	41,476	46,96
Less: Accum. Deprn.	1,727	2,839	4,098	5,716	7,452	9,415	11,681	14,11
Net Fixed Assets	13,047	15,320	17,634	19,309	20,466	24,633	29,795	32,84
Capital WIP	4,115	3,566	3,697	4,865	5,603	6,159	3,732	3,24
Total Investments	4,667	6,877	6,540	11,215	10,250	10,883	10,883	10,88
Rights to use assets	0	0	0	1,183	1,228	1,504	1,504	1,50
Curr. Assets, Loans&Adv.	4,413	4,340	6,539	4,708	8,465	9,158	19,029	17,41
Inventory	238	240	191	186	222	275	476	386
Account Receivables	945	914	996	685	1,275	1,840	2,904	2,50
Cash and Bank Balance	1,361	919	2,988	2,295	5,119	4,652	11,877	11,27
Cash	74	150	265	154	282	825	8,050	7,44
Bank Balance	1,287	769	2,723	2,141	4,837	3,827	3,827	3,82
Loans and Advances	1,869	2,268	2,364	1,543	1,850	2,391	3,772	3,25
Curr. Liability & Prov.	6,439	7,389	8,373	9,971	11,747	14,151	22,747	19,36
Account Payables	1,201	1,100	1,524	1,318	1,559	2,719	4,711	3,81
Other Current Liabilities	5,031	6,089	6,637	8,390	9,839	11,076	17,474	15,07
Provisions	207	199	212	263	350	356	562	48
Net Current Assets	-2,026	-3,049	-1,834	-5,263	-3,282	-4,993	-3,718	-1,95
	40.004	22.74.4	2007	24 240	24.265	20.407	40.405	46.50

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19,804

22,714

26,037

31,310

34,264

38,187

42,195

46,530

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## **Financials and valuations**

B. #								
Ratios		E)/40	F)// 0	E1/20	E)/04	E1/22	EVOOF	EVO 45
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E
Basic (INR)								
EPS	39.8	48.4	55.3	80.3	62.7	60.4	67.6	73.1
Cash EPS	49.5	59.6	68.1	96.7	80.3	80.3	90.6	97.8
BV/Share	186.3	212.1	242.8	298.9	327.2	364.2	404.8	448.6
DPS	19.0	21.5	20.0	35.0	23.0	23.0	27.1	29.3
Payout (%)	57.4	53.5	43.5	52.4	36.7	38.1	40.0	40.0
Valuation (x)								
P/E	19.8	16.3	14.3	9.8	12.6	13.1	11.7	10.8
Cash P/E	16.0	13.2	11.6	8.2	9.8	9.8	8.7	8.1
P/BV	4.2	3.7	3.3	2.6	2.4	2.2	2.0	1.8
EV/Sales	3.8	3.5	2.7	2.6	3.4	2.1	1.2	1.4
EV/EBITDA	11.9	9.9	8.5	7.2	7.8	8.0	6.3	5.8
Dividend Yield (%)	2.4	2.7	2.5	4.4	2.9	2.9	3.4	3.7
FCF per share	28.1	38.8	32.6	56.6	47.2	26.0	93.1	17.1
Return Ratios (%)								
RoE	23.4	24.3	24.3	29.7	20.0	17.5	17.6	17.1
RoCE	23.3	24.3	24.3	29.8	20.1	17.5	17.7	17.2
RoIC	43.9	41.9	41.0	55.8	43.1	36.2	38.2	36.8
Working Capital Ratios								
Fixed Asset Turnover (x)	1.4	1.2	1.3	1.2	0.8	1.0	1.4	1.0
Asset Turnover (x)	1.0	1.0	1.1	0.9	0.6	0.9	1.3	1.0
Inventory (Days)	4	4	3	2	4	3	3	3
Debtor (Days)	17	15	13	8	22	19	19	19
Creditor (Days)	22	18	20	16	26	28	31	29
Leverage Ratio (x)								
Current Ratio	0.7	0.6	0.8	0.5	0.7	0.6	0.8	0.9
Net Debt/Equity	-0.1	0.0	-0.1	-0.1	-0.2	-0.1	-0.3	-0.2
Standalone - Cash Flow Statement								(INR m)
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E
OP/(Loss) before Tax	6,007	7,265	8,369	9,835	8,336	8,063	8,927	9,654
Depreciation	951	1,112	1,259	1,617	1,737	1,963	2,266	2,432
Direct Taxes Paid	-1,861	-2,284	-2,709	-2,380	-2,065	-2,122	-2,247	-2,430
(Inc)/Dec in WC	601	822	366	1,369	602	1,640	5,951	-2,369
Others	-385	-395	-443	-655	-627	-583	-785	-685
CF from Operations	5,323	6,521	6,846	9,852	8,055	9,037	14,195	6,685
(Inc)/Dec in FA	-2,545	-2,692	-3,625	-4,258	-3,395	-6,473	-5,000	-5,000
Free Cash Flow	2,778	3,829	3,221	5,594	4,660	2,563	9,195	1,685
(Pur)/Sale of Investments	-674	-2,042	474	-4,316	1,287	-357	0	0
Others	585	547	-1,234	1,026	-2,331	1,440	785	685
CF from Investments								
	<b>-2,633</b>	- <b>4,187</b>	- <b>4,385</b>	- <b>7,548</b>	- <b>4,439</b>	- <b>5,390</b>	- <b>4,215</b>	-4,315
Dividend Paid  CE from Fin Activity	-2,816	-2,236	-2,330	-2,183	-3,221	-2,810	-2,672 2,755	-2,890
CF from Fin. Activity	-2,838	-2,258	-2,346	-2,416	-3,488	-3,103	-2,755	-2,973
Inc/Dec of Cash	-148	76	115	-112	128	543	7,224	-603
Opening Balance	222	74	150	265	154	282	825	8,050
Closing Balance	74	150	265	154	282	825	8,050	7,447

#### **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

\*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend

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