Neutral



# **Indraprastha Gas**

Estimate change	1
TP change	
Rating change	$\leftarrow$

Bloomberg	IGL IN
Equity Shares (m)	700
M.Cap.(INRb)/(USDb)	251.1 / 3.2
52-Week Range (INR)	604 / 322
1, 6, 12 Rel. Per (%)	-11/-10/-41
12M Avg Val (INR M)	1166

### Financials & Valuations (INR b)

Financials & Valuations (INR b)							
Y/E March	FY22	FY23E	FY24E				
Sales	77.1	121.0	115.5				
EBITDA	18.8	20.5	20.5				
Adj. PAT	13.1	13.9	14.2				
Adj. EPS (INR)	18.8	19.8	20.2				
EPS Gr. (%)	30.8	5.4	2.2				
BV/Sh.(INR)	99.1	113.1	127.4				
Ratios							
Net D:E	-0.2	-0.4	-0.4				
RoE (%)	26.2	18.7	16.8				
RoCE (%)	25.4	18.1	16.4				
Payout (%)	29.3	29.3	29.3				
Valuation							
P/E (x)	19.1	18.1	17.7				
P/BV (x)	3.6	3.2	2.8				
EV/EBITDA (x)	12.6	10.7	10.7				
Div. Yield (%)	1.5	1.6	1.7				
FCF Yield (%)	6.8	8.1	2.3				

## Shareholding pattern (%)

As On	Jun-22	Mar-22	Jun-21
Promoter	45.0	45.0	45.0
DII	21.8	21.9	19.8
FII	20.3	19.9	23.9
Others	12.9	13.2	11.3

FII Includes depository receipts

# Strong margin steals the show in 1QFY23

**CMP: INR359** 

IGL reported a beat on our EBITDA estimate, driven by strong volumes (inline), which grew 48% YoY on a low base, and higher-than-estimated EBITDA margin/scm, which grew 20% sequentially. Total volumes grew 48% YoY and 2% QoQ to 7.9mmscmd, with a record high CNG volume of 5.9mmscmd (up 63% YoY) and modest PNG volumes of 1.9mmscmd (down 6% QoQ). EBITDA/scm stood at INR8.6 (est. INR6.7).

TP: INR406 (+13%)

- With an overwhelming quarterly performance, the challenges ahead for IGL are overwhelming too:
- As discussed in our report titled, 'CGD to take a breather in the near term,' CGDs will have to raise CNG prices by ~INR4/kg (excluding taxes) for every USD1/mmBtu rise in gas prices to maintain margin around current levels. That said, OMCs are also seeking higher single-digit commissions for retailing CNG at their outlets, which will further challenge the sustainability of margin.
- Spot LNG prices increased to ~USD41/mmBtu in Jul'22 from USD28/mmBtu in 1QFY23. Domestic APM gas prices are expected to rise by ~50% from Oct'22. These can impact margin in the near term.
- Aggregators account for 30-40% of total CNG sales for IGL, and the onslaught of EVs may challenge volume growth in the medium to long term.
- Although the company has already taken a few CNG price hikes in quick succession in FY23 till date, we expect further increases in the second half. CNG prices may rise above petrol and diesel prices, and IGL will have a tough task ahead to balance margin v/s growth.
- We build in a FY23/FY24 volume growth of 11% each to 7.8 mmscmd/ 8.6mmscmd, with EBITDA/scm normalizing to INR7.2/INR6.5 in FY23/FY24. We revise upward our FY23 EBITDA estimate by 9%. However, a higher CNG price than petrol and diesel may dampen our FY23 volume assumptions.
- The stock has corrected by 31% in the past 12 months on the back of the aforementioned concerns. On a one-year forward P/E basis, IGL trades in line to its long-term average of 19x. We maintain our Neutral rating.

## Volumes and margin both above our estimate

- Volumes grew 48% YoY to 7.89mmscmd (2% higher than our estimate).
- CNG volumes were at a record high of 5.9mmscmd (up 63% YoY and 5% QoQ) on a low base.
- PNG volumes grew 17% YoY, but fell 6% QoQ to 1.96mmscmd.
- EBITDA/scm stood at INR8.6 (est. INR6.7) v/s INR7.2 in 4QFY22.
- Gross margin came in at INR14.3/scm v/s INR12.7/scm in 4QFY22.
- OPEX stood at INR5.7/scm v/s INR5.6/scm in 4QFY22.
- EBITDA grew 62% YoY and 23% QoQ to INR6.1b, with PAT at INR4.2b (up 72% YoY and 16% QoQ).
- IGL's share in CUGL and MNGL added INR604m to its consolidated profit (up 79% YoY, but down 17% QoQ) in 1QFY23.

Swarnendu Bhushan- Research Analyst (Swarnendu.Bhushan@MotilalOswal.com)

## Valuation and view - maintain our Neutral rating

- IGL can increase its sales volume from new areas such as Rewari, Karnal, and Muzzafarnagar; Haryana City Gas; and the newly awarded GAs in the 10th round a) Kaithal (Haryana), b) Ajmer, Pali, and Rajsamand (Rajasthan), and c) Kanpur, Fatehpur, and Hamirpur (Uttar Pradesh).
- The introduction of EVs can dent demand for CNG over the long term, which has been acknowledged by the management. Hence, it plans to set up 50 EV battery swapping stations.
- The stock trades at 20x/25x FY24E standalone/consolidated EPS. We value the stock at 17x FY24 standalone EPS and add value of its investments to arrive at our TP of INR406. We maintain our Neutral rating on the stock.

Quarterly performance												(INR m)
Y/E March		FY2	22			FY2	23		FY22	FY23	FY23	Var vs
	1Q	2Q	3Q	4Q	1QE	2QE	3QE	4QE			1QE	Est
Net Sales	12,574	18,312	22,155	24,059	31,939	30,237	30,212	28,628	77,100	1,21,015	30,363	5%
Change (%)	96.9	40.3	53.2	55.2	154.0	65.1	36.4	19.0	56.0	57.0	141.5	
EBITDA	3,809	5,302	4,696	5,005	6,175	4,843	4,603	4,924	18,811	20,546	4,729	31%
EBITDA (INR/scm)	7.9	8.0	6.7	7.2	8.6	6.8	6.5	7.0	7.4	7.2	6.7	28%
Change (%)	356.4	30.2	-6.2	1.8	62.1	-8.6	-2.0	-1.6	26.8	9.2	24.2	
Depreciation	778	805	835	753	857	889	898	877	3,171	3,520	880	-3%
Interest	29	26	28	49	24	31	33	31	132	119	30	
Other Income	298	775	304	774	307	408	412	488	2,150	1,616	400	-23%
PBT before EO	3,299	5,246	4,137	4,977	5,602	4,331	4,085	4,504	17,659	18,523	4,219	33%
Tax	857	1,241	1,051	1,361	1,394	1,090	1,028	1,165	4,509	4,668	1,062	31%
Rate (%)	26.0	23.6	25.4	27.3	24.9	25.2	25.2	25.9	136.7	89.0	25.2	
PAT	2,443	4,005	3,085	3,616	4,209	3,241	3,057	3,339	13,150	13,855	3,157	33%
PAT (INR/scm)	5.0	6.0	4.4	5.2	5.9	4.6	4.3	4.8	5.2	4.9	4.5	31%
Change (%)	667.2	30.1	-7.9	9.2	72.3	-19.1	-0.9	-7.7	30.8	5.4	29.2	
Gas volumes (mmscmd)			•					•				
CNG	3.65	5.30	5.63	5.66	5.93	5.52	5.52	5.29	5.06	5.57	5.53	7%
PNG	1.67	1.94	2.02	2.09	1.96	2.19	2.19	2.51	1.93	2.21	2.22	-12%
Total	5.32	7.24	7.66	7.74	7.89	7.71	7.71	7.80	6.99	7.78	7.75	2%

## Key charts from the quarter

**Exhibit 1: Operational Highlights** 

	0 0														
(IND)		FY	20			FY21			FY22				FY23	1QI	Y23
(INR m)	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q	1Q	YoY (%)	QoQ (%)
Net sales	15,761	16,925	16,642	15,525	6,386	13,054	14,462	15,506	12,574	18,312	22,155	24,059	31,939	154.0	32.7
Realization (INR/scm)	27.7	28.0	27.0	27.4	25.8	25.8	25.1	25.3	26.0	27.5	31.5	34.5	44.5	71.2	28.9
Total raw material	9,217	9,905	9,410	8,262	2,991	6,097	6,069	7,139	5,620	9,283	13,842	15,178	21,706	286.2	43.0
Gas cost (INR/scm)	16.2	16.4	15.3	14.6	12.1	12.1	10.5	11.6	11.6	13.9	19.7	21.8	30.2	160.3	38.9
Gross Margin	6,544	7,020	7,232	7,263	3,395	6,957	8,393	8,367	6,954	9,029	8,313	8,881	10,233	47.2	15.2
Gross Margin (INR/scm)	11.5	11.6	11.7	12.8	13.7	13.8	14.6	13.6	14.4	13.6	11.8	12.7	14.3	(0.8)	11.9
EBITDA	3,585	3,926	3,918	3,767	834	4,071	5,007	4,918	3,809	5,302	4,696	5,005	6,175	62.1	23.4
EBITDA (INR/scm)	6.3	6.5	6.4	6.6	3.4	8.0	8.7	8.0	7.9	8.0	6.7	7.2	8.6	9.3	19.8
PAT	2,184	3,810	2,839	2,534	318	3,079	3,349	3,310	2,443	4,005	3,085	3,616	4,209	72.3	16.4
PAT (INR/scm)	3.8	6.3	4.6	4.5	1.3	6.1	5.8	5.4	5.0	6.0	4.4	5.2	5.9	16.1	13.0
Volumes															
CNG (MMSCMD)	4.7	4.9	4.9	4.5	1.6	3.9	4.5	4.9	3.6	5.3	5.6	5.7	5.9	62.7	4.9
PNG (MMSCMD)	1.6	1.7	1.8	1.7	1.1	1.6	1.8	2.0	1.7	1.9	2.0	2.1	2.0	17.1	(6.3)
Total (MMSCMD)	6.3	6.6	6.7	6.2	2.7	5.5	6.3	6.8	5.3	7.2	7.7	7.7	7.9	48.4	1.9

Source: Company, MOFSL

Exhibit 2: CNG volumes grew 63% YoY on low base and 5% QoQ

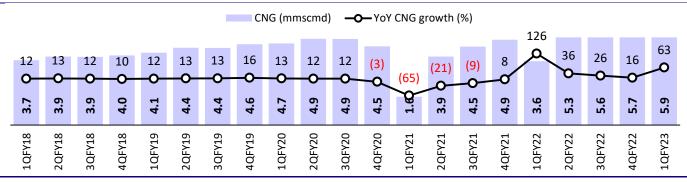


Exhibit 3: PNG volumes rose 17% YoY but down 6% QoQ

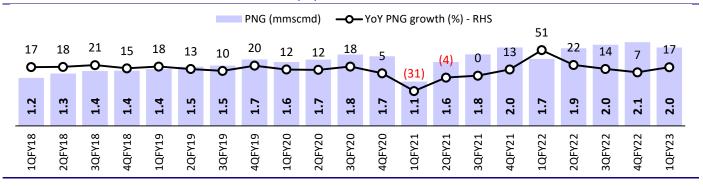
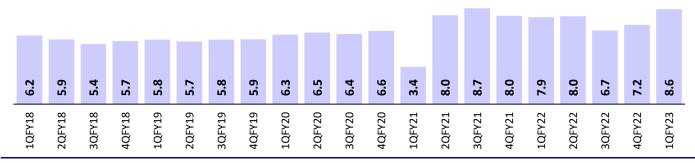


Exhibit 4: EBITDA/scm increased by 9% YoY and 20% QoQ to INR8.6

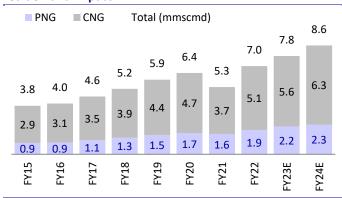


Source: Company, MOFSL

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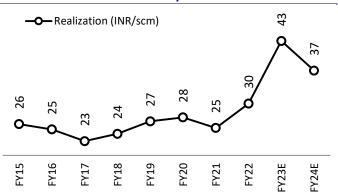
## **Story in charts**

Exhibit 5: Sales growth to continue, barring the COVID-19 led demand impact in FY21



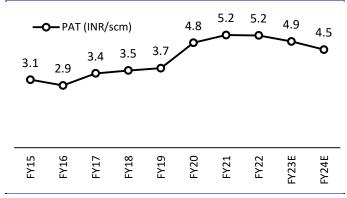
Source: Company, MOFSL

Exhibit 6: Realization trends way above its historical levels



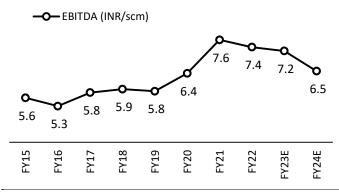
Source: Company, MOFSL

Exhibit 7: Profitability (in INR/scm) to normalize back in FY23-24E



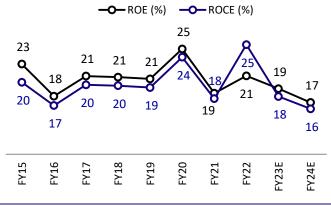
Source: Company, MOFSL

Exhibit 8: EBITDA/scm to decrease in FY23-24E as APM prices increase further from upcoming revisions



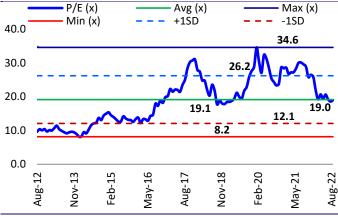
Source: Company, MOFSL

Exhibit 9: Return ratios to stabilize below 20%



Source: Company, MOFSL

Exhibit 10: Stock trades inline to its long-term P/E average



Source: Company, MOFSL

## **Financials and valuations**

**Application of Funds** 

Income Statement								(INR m)
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E
Net Sales	38,148	45,921	57,600	64,853	49,408	77,100	1,21,015	1,15,535
Change (%)	3.5	20.4	25.4	12.6	-23.8	56.0	57.0	-4.5
EBITDA	9,638	11,133	12,521	15,196	14,830	18,811	20,546	20,496
As a percentage of Net Sales	25.3	24.2	21.7	23.4	30.0	24.4	17.0	17.7
Depreciation	1,671	1,813	2,011	2,523	2,904	3,171	3,520	3,220
Interest	12	17	21	81	113	132	119	101
Other Income	652	1,021	1,510	1,564	1,502	2,150	1,616	1,761
PBT	8,607	10,325	12,000	14,157	13,315	17,659	18,523	18,936
Tax	2,896	3,617	4,134	2,791	3,258	857	4,668	4,772
Rate (%)	33.6	35.0	34.4	19.7	24.5	4.9	25.2	25.2
PAT	5,711	6,708	7,867	11,365	10,057	16,802	13,855	14,164
Adj. PAT	5,969	6,604	7,867	11,365	10,057	13,150	13,855	14,164
Change (%)	42.5	10.6	19.1	44.5	-11.5	30.8	5.4	2.2
								_
Balance Sheet								INR m)
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E
Share Capital	1,400	1,400	1,400	1,400	1,400	1,400	1,400	1,400
Reserves	27,866	33,729	39,899	49,224	57,319	67,962	77,760	87,777
Net Worth	29,266	35,129	41,299	50,624	58,719	69,362	79,160	89,177
Deferred Tax	1,806	2,253	2,678	2,119	2,422	2,737	2,737	2,737
Capital Employed	31,072	37,382	43,977	52,743	61,140	72,098	81,897	91,914
Gross Fixed Assets	36,402	41,364	47,607	55,744	65,535	75,345	81,345	87,345
Less: Depreciation	15,231	17,044	19,054	21,577	24,481	27,651	31,172	34,392
Net Fixed Assets	21,172	24,320	28,553	34,167	41,055	47,694	50,173	52,953
Capital WIP	3,518	3,860	4,781	7,767	8,469	13,786	17,786	21,786
Rights to use assets	0	0	0	1,220	1,984	2,203	2,203	2,203
Investments	6,770	11,477	15,440	2,581	18,258	19,758	19,758	19,758
Curr. Assets, Loans and Adv.								
Inventory	517	524	509	511	456	455	714	682
Debtors	2,014	2,261	2,215	1,704	2,607	5,206	8,171	7,801
Cash and Bank Balance	6,086	5,580	6,071	21,799	11,323	13,616	29,734	31,374
Cash	1,256	2,037	712	6,677	903	750	16,867	18,507
Bank balance	4,830	3,544	5,359	15,122	10,420	12,866	12,866	12,866
Loans and Advances	103	149	153	154	213	142	142	142
Other Current Assets	682	1,110	1,772	1,819	1,508	1,664	1,664	1,664
Current Liab. and Prov.								
Liabilities	9,580	11,690	13,687	16,172	21,007	28,130	44,152	42,153
Provisions	210	210	1,830	2,808	3,727	4,295	4,295	4,295
Net Current Assets	-388	-2,275	-4,797	7,007	-8,627	-11,342	-8,022	-4,785
							•	•

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31,072

37,382

52,743

61,139

72,099

81,897

91,914

43,977

## **Financials and valuations**

**Closing Balance** 

Ratios								
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E
Basic (INR)								
EPS (Standalone)	8.5	9.4	11.2	16.2	14.4	18.8	19.8	20.2
EPS (Consolidated)	9.4	10.5	12.5	18.4	16.2	21.7	23.5	25.1
Cash EPS	10.9	12.0	14.1	19.8	18.5	23.3	24.8	24.8
Book Value	41.8	50.2	59.0	72.3	83.9	99.1	113.1	127.4
DPS	1.7	2.0	2.4	2.8	3.6	5.5	5.8	5.9
Payout	20	21	21	17	25	29	29	29
Valuation (x)								
P/E (Standalone)	42.0	37.9	31.9	22.0	24.9	19.1	18.1	17.7
P/E (Consolidated)	38.0	34.2	28.7	19.4	22.1	16.5	15.2	14.3
Cash P/E	32.8	29.8	25.4	18.0	19.3	15.4	14.4	14.4
EV/EBITDA	25.4	22.0	19.5	15.1	16.1	12.6	10.7	10.7
EV/Sales	6.4	5.3	4.2	3.5	4.8	3.1	1.8	1.9
Price/Book Value	8.6	7.1	6.1	5.0	4.3	3.6	3.2	2.8
Dividend Yield (%)	0.5	0.6	0.7	0.8	1.0	1.5	1.6	1.7
FCF/ share	9.6	5.8	6.8	5.7	9.5	24.3	29.0	8.4
Profitability Ratios (%)								
RoE	21.0	20.8	20.6	24.7	18.4	26.2	18.7	16.8
RoCE	19.8	19.6	19.4	23.6	17.8	25.4	18.1	16.4
RoIC	33.3	38.9	40.4	53.2	41.2	62.0	64.4	76.9
Turnover Ratios								
Debtors (No. of Days)	17	21	26	33	23	20	18	14
Asset Turnover (x)	1.3	1.3	1.4	1.3	0.9	1.2	1.6	1.3
Leverage Ratio								
Net Debt/Equity ratio (x)	-0.2	-0.2	-0.1	-0.4	-0.2	-0.2	-0.4	-0.4
Cash Flow Statement							(1	NR m)
Y/E March	FY17	FY18	FY19	FY20	FY21	FY22	FY23E	FY24E
OP/(Loss) before Tax	8,607	10,325	12,000	14,157	13,315	17,659	18,523	18,936
Depreciation	1,671	1,813	2,011	2,523	2,904	3,171	3,520	3,220
Interest and Finance charges	0	1	10	65	97	132	119	101
Direct Taxes Paid	-2,687	-3,303	-3,688	-3,442	-2,895	-857	-4,668	-4,772
(Inc.)/Dec. in Wkg. Capital	2,446	841	2,642	1,721	3,473	5,009	12,798	-1,597
Others	-574	-884	-1,403	-1,416	-1,434	-1,434	0	0
CF from Op. Activity	9,463	8,793	11,571	13,608	15,460	23,680	30,293	15,888
(Inc.)/Dec. in FA and CWIP	-2,709	-4,698	-6,807	-9,632	-8,829	-6,639	-10,000	-10,000
Free Cash Flow	6,754	4,095	4,764	3,976	6,631	17,041	20,293	5,888
(Pur.)/Sale of Investments	-13,254	-10,515	-24,912	-3,275	-32,560	-1,500	0	0
Others	4,823	8,044	20,510	7,700	23,125	-9,184	0	0
CF from Inv. Activity	-11,139	-7,170	-11,208	-5,207	-18,264	-17,323	-10,000	-10,000
Dividends Paid (incl. tax)	-1,601	-842	-1,685	-2,025	-1,960	-3,850	-4,057	-4,147
CF from Fin. Activity	-1,601	-842	-1,688	-2,435	-2,970	-6,510	-4,175	-4,248
Inc./(Dec.) in Cash	-3,277	781	-1,325	5,966	-5,774	-154	16,117	1,640
Add: Opening Balance	4,533	1,256	2,037	712	6,678	904	750	16,867

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1,256

2,037

712

6,678

904

750

16,867

18,507

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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