## **Equity Research**

March 30, 2023 BSE Sensex: 57960

ICICI Securities Limited is the author and distributor of this report

Company update and earnings revision

# Oil & Gas and Petrochemicals

Target price: Rs535

**Earnings revision** 

(%)	FY24E	FY25E
Sales	↓ 4.0	↓ 4.6
EBITDA	↑ 1.9	↑ 1.8
EPS	↑ 2.3	↑ 2.2

### Target price revision Rs535 from Rs554

#### Shareholding pattern

	orrerent g partier				
	Jun '22	Sep '22	Dec '22		
Promoters	60.9	60.9	60.9		
Institutional					
investors	15.2	18.0	17.5		
MFs and others	10.0	10.6	9.4		
Fls/ Banks	0.0	0.0	0.0		
Insurance	0.0	2.2	2.9		
FIIs	5.2	5.2	5.2		
Others	23.9	21.1	21.6		

Source: www.nseindia.com

#### **ESG** disclosure score

Year	2021	2022	Chg
ESG score	28.4	28.4	0.0
Environment	1.6	1.6	0.0
Social	17.4	17.4	0.0
Governance	66.1	66.1	0.0

Note - Score ranges from 0 - 100 with a higher score indicating higher ESG disclosures. Source: Bloomberg, I-sec research

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### **INDIA**



## **Gujarat Gas**

Maintain Rs470

## Industrial retail prices slashed by Rs3/scm

Gujarat Gas (GGL) has taken a second price cut in 4 months, reducing the base price in industrial retail segment to Rs44-46/scm for Morbi and other regions. The sharply lower spot LNG prices over Feb-Mar'23, coupled with the potential softening in propane prices from Apr'23 (communication from LPG sellers indicates a 14-15% reduction in propane prices from Apr'23 at Morbi) have likely driven GGL's price-cut decision. GGL seems to be following a strategy of maximising volumes by sacrificing margins over H1FY24, with the softer spot LNG prices and softer crude prices both helping reduce sourcing costs. However, for H2FY24, if commodity prices see strength due to EU gas storage top-up and Chinese demand recovery, our sense is that GGL will look to focus on margins and volume growth may taper off a bit. Irrespective of the split between volumes/margins, our FY24E EPS estimate of Rs23/sh (revised with this note) seems to face limited downside risk. Further, FY25E can see stronger growth with additional LNG supplies, some domestic supply boost and normalisation of LPG prices to provide better pricing power for GGL. We factor-in a steady 5% EPS CAGR over FY23E-FY25E<sub>7</sub> and retain our ADD rating on the stock.

- ▶ Gas propane economics improved in Mar'23, Apr-Jun'23 can see some tightening: Mar'23 saw for the first time in several months propane prices turning to a premium over GGL's industrial prices (also helped by a sharp price cut taken in Jan'23 by GGL). The higher number of units building capability for dual fuel in the Morbi region, has driven volumes sharply lower for industrial/commercial (I/C) segment (Q3 I/C volumes of 4.2mmscmd declined 51% YoY, 9% QoQ). The Mar'23 spike in propane prices by ~22% helped drive Morbi volumes to ~6mmscmd (highest in the last 15 months). Apr-Jun'23future prices however indicate that propane prices may again decline to ~Rs40/scm levels. The price cut by GGL therefore indicates the willingness to match the same to keep price-competitiveness, hence demand intact.
- ▶ Longer-term volume growth prospects stronger: Even at conservative estimates in the near term, growth potential of GGL's geographic areas remains unmatched among peers. We see the following key drivers for the same: i) volume growth visibility from ~20 new areas developed over the past few years, ii) transfer of the lucrative Amritsar/Bhatinda area from parent group, and iii) significant legal win over Adani Gas to get the Ahmedabad extension area. All this adds to the already significant volume growth potential from Morbi and other extant areas. We estimate a volume CAGR of ~4% over FY22-FY28E for GGL.
- ▶ Maintain ADD: Despite the near-term comfort on pricing and volumes, we do see headwinds from propane to gas economics post H1FY24E and limited traction in earnings over the next 18-24 months (our revised estimates imply a 5% EPS CAGR over FY23E-FY25E). Multiple of 19x FY25E EPS fairly values the risk-reward. Reiterate ADD.
- ▶ **Key risks:** 1) Renewed LNG price escalation, 2) inability to take price hikes, and 3) failure to execute the company's ambitious network expansion plans.

Market Cap	Rs323bn/US\$3.9bn
Reuters/Bloomberg	GSPT.BO/GUJGA IN
Shares Outstanding (	mn) 688.4
52-week Range (Rs)	664/408
Free Float (%)	39.1
FII (%)	5.2
Daily Volume (US\$/'0	00) 6992
Absolute Return 3m (	%) (1.8)
Absolute Return 12m	(%) (3.8)
Sensex Return 3m (%	5) (5.0)
Sensex Return 12m (	%) 1.3

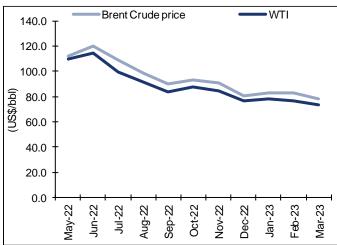
Year to March	FY22	FY23E	FY24E	FY25E
Revenue (Rs mn)	1,64,562	1,69,561	1,88,141	2,01,911
Net Income (Rs mn)	12,947	15,218	15,735	16,900
EPS (Rs)	18.8	22.1	22.9	24.6
% Chg YoY	2%	18%	3%	7%
P/E (x)	25.0	21.2	20.5	19.1
CFPS (Rs)	24.4	28.4	29.8	32.2
EV/E (x)	15.7	13.2	12.2	11.0
Dividend Yield (%)	0.4%	0.6%	0.6%	0.7%
RoCE (%)	29%	29%	25%	24%
RoE (%)	26%	24%	21%	19%

**Table 1: Quarterly snapshot** 

Particulars (Rs mn)	Q3FY23	Q3FY22	YOY % Change	Q2FY23	QOQ Change %	9MFY23	9MFY22	YOY% Change
Net sales	36,843	51,444	(28.4)	39,765	(7.3)	1,28,308	1,17,698	9.0
EBITDA	5,823	2,375	145.2	6,427	(9.4)	18,317	13,814	32.6
Other income	320	353	(9.3)	185	72.7	695	757	(8.2)
PAT	3,713	1,219	204.5	4,039	(8.1)	11,563	8,471	36.5
Adj PAT	3,713	1,219	204.5	4,039	(8.1)	11,563	8,471	36.5
Volumes (mmscmd)	7.3	11.4	(36.0)	7.6	(4.3)	8.2	10.9	(24.9)
CNG (mmscmd)	2.4	2.2	12.0	2.3	4.7	2.4	1.9	26.5
Residential PNG								
(mmscmd)	0.7	0.7	-	0.7	(2.9)	0.6	0.6	0.4
Industrial/Commercial(m								
mscmd)	4.2	8.6	(51.0)	4.6	(9.1)	5.2	8.4	(38.4)
Gross margin (Rs/scm)	12.8	4.6	179.9	13.0	(1.4)	11.7	6.9	70.1
Ebitda margin (Rs/scm)	8.7	2.3	283.1	9.2	(5.3)	8.1	4.6	76.6
EPS (Rs/share)	5.4	1.8	204.5	5.9	(8.1)	16.8	12.3	36.5

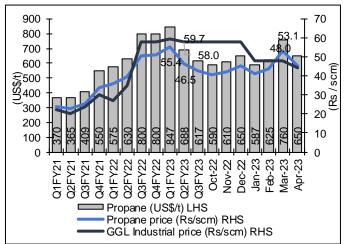
Source: Company data, I-Sec research

Chart 1: Crude prices are softening ...



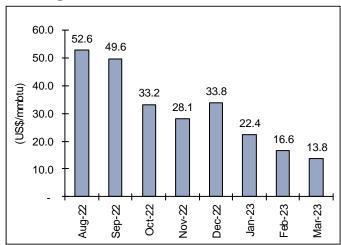
Source: Bloomberg, I-Sec research

Chart 3: Propane vs GGL industrial gas prices – turned favourable in March'23



Source: Company data, I-Sec research

Chart 2: ...so are spot LNG prices -helping reduce sourcing cost



Source: Reuters, I-Sec research

Chart 4: Apr-Jun'23 may see propane to gas economics turn favorable again

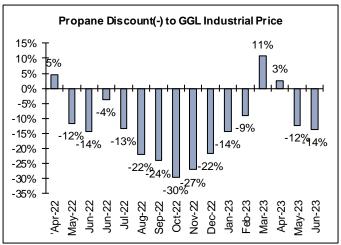
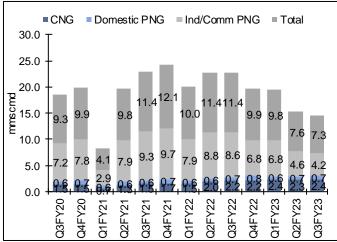


Table 2: GGL's overall gas cost -- Current softness offers leeway for further price moderation to maintain demand or sustain margins

	Gujarat Gas	
	Base Case	FY24E
Total Volume (mmscmd)	9.37	9.37
CNG	0.70	0.70
Domestic PNG	2.62	2.62
Industrial/Commericial	6.05	6.05
Third party sale		
Gurgaon volumes		
Sourcing Volumes		
APM + DOM FOR PNG/CNG	2.92	2.92
Non APM domestic	0.00	0.00
LNG - BG Contract	1.65	1.65
LNG BG Fixed rate	0.48	0.48
LNG- PLNG	0.85	0.85
Domestic Gas R Series	0.70	0.70
Vedanta (Cairn)	1.00	1.00
LNG - other short term	1.77	1.77
Oil Prices US\$/bbl	90.00	80.00
Prices US\$/mmbtu		
APM + DOM FOR PNG/CNG	9.63	7.30
Non APM domestic	9.63	7.30
LNG - BG Contract	13.51	12.09
LNG BG Fixed rate	12.00	12.00
LNG- PLNG	11.96	10.70
Domestic Gas R Series	10.00	10.00
Vedanta (Cairn)	9.95	8.90
LNG - other short term	25.00	15.00
Average	13.62	10.52

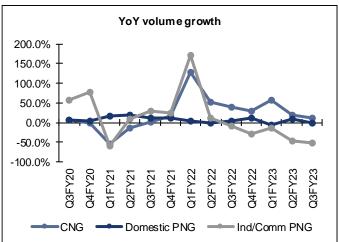
Source: Company data, I-Sec research

Chart 5: Volumes dipped YoY in Q3FY23-due to higher LNG costs

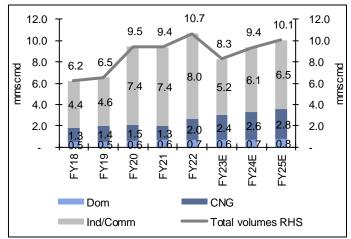


Source: Company data, I-Sec research

Chart 6: Volume Growth has tapered off in the past four quarters

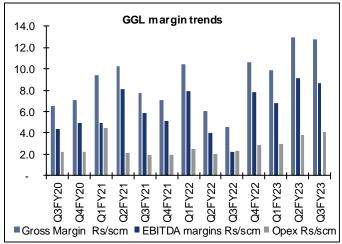


## Chart 7: Volume growth to pick pace over FY23E-FY25E



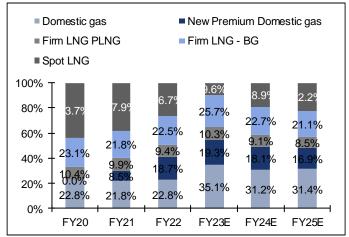
Source: Company data, I-Sec research

### **Chart 9: Margins expanded in Q3FY23**



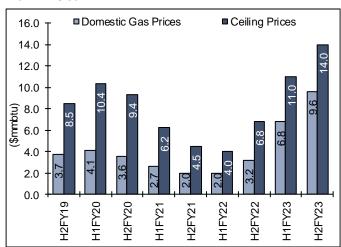
Source: Company data, I-Sec research

Chart 8: Sourcing mix more varied than before



Source: Company data, I-Sec research

## Chart 10: APM (NCV) gas prices increased 42% HoH in Oct'22

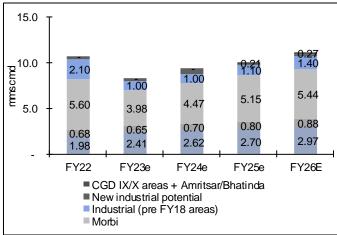


Source: Company data, I-Sec research

Table 3: GGL's volume potential area-wise

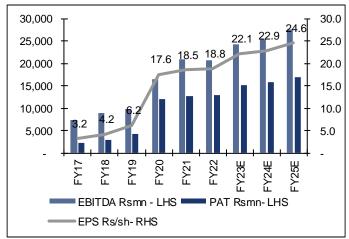
GA	Year Won	5-year volume potential
Dahej	Jun-16	1mmscmd (5+ years)
Ahmedabad district	Jun-16	1.5-2mmscmd (5+ years)
Thane rural	Apr-15	1.5mmscmd (5+ years)
Jamnagar	Jan-14	0.5mmscmd (5 years)
Bhavnagar (including Bhotad)	Mar-14	0.5mmscmd (5+ years)
Dadra & Nagar Haveli (Silvassa)	Apr-15	1.2mmscmd (5+ years)
Panchmahal (Halol)	Jul-16	0.5mmscmd (5+ years)
Kutch west	Dec-14	0.3mmscmd (5 years)
Hazira	Jul-14	0.4mmscmd (5 years)
Narmada	Sep-18	0.2mmscmd (5 years)
Amritsar + Bhatinda	NM	0.6mmscmd (5 years)
Total		8.1mmscmd

Chart 11: Volume potential in medium term



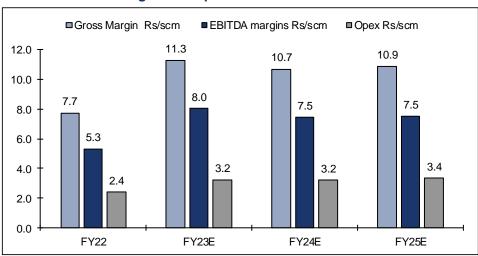
Source: Company data, I-Sec research

Chart 12: EBITDA/EPS CAGR of 5-7% expected over FY23E-FY25E



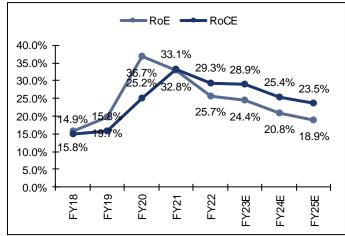
Source: Company data, I-Sec research

Chart 13: GGL's margins to improve over FY22-FY25E



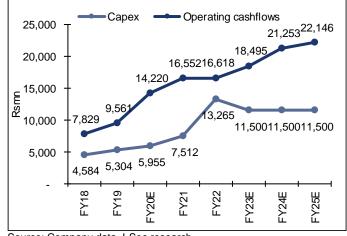
Source: Company data, I-Sec research

**Chart 14: Return ratios decreasing** 



Source: Company data, I-Sec research

Chart 15: Capex of Rs34.5bn estimated over FY23E-FY25E



### Valuations: Target price of Rs535/sh implies 14% upside

We value GGL by the DCF methodology, using a WACC of 10.9%, debt-equity ratio (DER) of 25%, long-term EBITDA of Rs7.4/scm and terminal growth rate of 4.5%. The gradual build-up in volumes from multiple new areas under development and new areas won recently in bidding rounds IX/X implies returns from the same would flow through only over the next decade. Our DCF valuation delivers a target price of Rs535/sh, offering 14% upside from CMP.

**Table 4: Valuation summary** 

	Assumptions
Cost of Equity	12.5%
Cost of debt	6.2%
Average D/E ratio	25%
WACC	10.9%
Terminal growth rate	4.5%
NPV potential (Rs mn)	3,68,049
Target price	535
CMP	470
Upside	14%

Source: I-Sec research

Chart 16: Gujarat Gas' P/E trading bands near mean

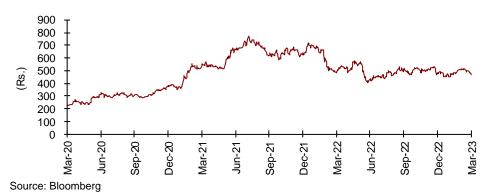


Source: Company data, I-Sec research

Chart 17: Gujarat Gas' P/B trading well below 5-year trading bands



### **Price chart**



## Financial summary

**Table 5: Profit and loss statement** 

(Rs mn, year ending March 31)

	FY22	FY23E	FY24E	FY25E	
Operating Income (Sales)	1,64,562	1,69,561	1,88,141	2,01,911	
Operating Expenses	1,43,799	1,45,308	1,62,643	1,74,310	
EBITDA	20,763	24,253	25,498	27,602	
% margins	13%	14%	14%	14%	
Depreciation & Amortisation	3,849	4,321	4,804	5,287	
Gross Interest	568	500	460	420	
Other Income	909	906	795	693	
Recurring PBT	17,135	20,338	21,029	22,587	
Less: Taxes	4,278	5,121	5,295	5,687	
Net Income (Reported)	12,858	15,218	15,735	16,900	
Recurring Net Income	12,947	15,218	15,735	16,900	

Source: Company data, I-Sec research

**Table 6: Balance sheet** 

(Rs mn, year ending March 31)

FY22	FY23E	FY24E	FY25E
14,689	18,500	25,676	33,265
211	4,298	10,993	18,340
24,730	23,817	25,349	25,821
(10,041)	(5,317)	328	7,444
4,642	5,142	5,642	6,142
66,299	73,478	80,175	86,388
9,923	9,923	9,923	9,923
62,746	75,149	87,990	1,01,820
6,753	6,253	5,753	5,253
8,077	8,077	8,077	8,077
1,377	1,377	1,377	1,377
2	2	2	2
54,616	67,519	80,861	95,191
55,993	68,896	82,237	96,567
62,746	75,149	87,990	1,01,820
	14,689 211 24,730 (10,041) 4,642 66,299 9,923 62,746 6,753 8,077 1,377 2 54,616 55,993	14,689 18,500 211 4,298 24,730 23,817 (10,041) (5,317) 4,642 5,142 66,299 73,478 9,923 9,923 62,746 75,149 6,753 6,253 8,077 8,077 1,377 1,377 2 2 54,616 67,519 55,993 68,896	14,689 18,500 25,676 211 4,298 10,993  24,730 23,817 25,349 (10,041) (5,317) 328 4,642 5,142 5,642 66,299 73,478 80,175 9,923 9,923 9,923 62,746 75,149 87,990  6,753 6,253 5,753 8,077 8,077 1,377 1,377 2 2 2 54,616 67,519 80,861 55,993 68,896 82,237

Source: Company data, I-Sec research

**Table 7: Quarterly trend** 

(Rs mn, year ending March 31)

	Mar'22	Jun'22	Sept'22	Dec'22
Net sales	46,694	51,701	39,765	36,843
% growth (YoY)	36.2%	71.7%	10.0%	-28.4%
EBITDA	6,974	6,066	6,427	5,823
Margin (%)	14.9%	11.7%	16.2%	15.8%
Other income	177	190	185	320
Add: Extraordinaries				
Net profit	4,533	3,811	4,039	3,713

Source: Company data, I-Sec research

**Table 8: Cashflow statement** 

(Rs mn, year ending March 31)

	FY22	FY23E	FY24E	FY25E
Operating Cashflow	21,076	24,253	25,498	27,602
Working Capital Changes	(95)	(637)	1,050	231
Operating Cash flow	16,618	18,495	21,253	22,146
Capital Commitments	(13,265)	(11,500)	(11,500)	(11,500)
Free Cashflow	3,353	6,995	9,753	10,646
Cashflow from Investing				
Activities	(12,935)	(11,094)	(11,205)	(11,307)
Inc (Dec) in Borrowings	(4,193)	(500)	(500)	(500)
Inc (Dec) in marketable				
investments	-	(500)	(500)	(500)
Dividend paid	(1,560)	(2,315)	(2.393)	(2.571)
Cash flow from Financing	( , ,	( )/	(	( ,- ,
Activities	(6,284)	(3,315)	(3,353)	(3,491)
Chq. in Cash & Bank	( ) - )	. ,,	· //	· · · /
balance	(2,602)	4,086	6,695	7,347

Source: Company data, I-Sec research

### **Table 9: Key ratios**

(Year ending March 31)

	FY22	FY23E	FY24E	FY25E
Per Share Data (in Rs)				
EPS(Basic Recurring)	18.8	22.1	22.9	24.6
Recurring Cash EPS	24.4	28.4	29.8	32.2
Dividend per share (DPS)	2.0	2.9	3.0	3.2
Book Value per share (BV)	81.3	100.1	119.5	140.3
Growth Ratios (%)				
Operating Income	67%	3%	11%	7%
EBITDA	-1%	17%	5%	8%
Recurring Net Income	2%	18%	3%	7%
Recurring EPS	2%	18%	3%	7%
Recurring CEPS	4%	16%	5%	8%
Valuation Ratios (% YoY)				
P/E	25.0	21.2	20.5	19.1
P/BV	5.8	4.7	3.9	3.3
EV / EBITDA	15.7	13.2	12.2	11.0
EV / FCF	97.0	45.7	32.0	28.6
Operating Ratios				
Other Income / PBT (%)	5%	4%	4%	3%
Effective Tax Rate (%)	25%	25%	25%	25%
D/E Ratio (%)	12%	9%	7%	5%
Net D/E Ratio	3%	-5%	-13%	-20%
Return/Profitability Ratios (%)				
Recurring Net Income Margins	8%	9%	8%	8%
RoCE	29%	29%	25%	24%
RoNW	26%	24%	21%	19%
Dividend Payout Ratio	11%	13%	13%	13%
Dividend Yield	0.4%	0.6%	0.6%	0.7%
EBITDA Margins	13%	14%	14%	14%
Source: Company data I-Sec rese	arch			

**ICICI Securities** Gujarat Gas, March 30, 2023

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