INSTITUTIONAL RESEARCH

Gujarat State Petronet

BUY

Strong volume growth

We maintain BUY on GSPL post a better than estimated performance in 1QFY20. We expect benign spot LNG prices (1) To drive strong volume growth from industrial customers and (2) Encourage RIL to continue to using LNG. We raise our volume estimates for FY20/21 by 11.4/13%, thus our SOTP based TP to Rs 247/share.

HIGHLIGHTS OF THE QUARTER

- Gas transmission volume for the quarter was 38.2mmscmd (+17.9% QoQ and +4.6% YoY) as against our estimate of 36.5mmscmd. Volume break-up in mmscmd was: Refinery 13.4, Fertiliser 3.8, Power 5, CGD 10.7 and other 5.3. Blended transmission tariff was Rs 1,434/tscm (-2.1% QoQ and -2.3% YoY), which was in-line with our estimate.
- Post NGT order to ban use of coal gasifiers in Morbi area in order to curb pollution, CGD demand jumped up by 26.8% QoQ to 10.7mmscmd. Besides, demand from power and other industries increased by 24% QoQ owing to low spot LNG prices. The volume outlook of GSPL shall remain robust owing to (1) Strong demand from CGD, power and other industries, (2) The sole right to transmit re-gasified gas from Gujarat State Petroleum Corporation (GSPC) -Adani's 5mmtpa LNG Mundra terminal, (3) Post expansion of Petronet LNG's

Dahej terminal to 17.5mmtpa from 15mmtpa.

- The demand in Saurashtra region (particularly from Morbi tile manufacturers and RIL refinery) was quite strong. To cater to this demand, GSPL is using RIL's compressors, apart from its own, to push more gas through its pipelines. Hence, gas transmission charges were up 37.6%YoY to Rs 452mn. As we expect demand in this region to continue, compression charges should remain elevated in ensuing quarters as well. However, these charges are recoverable from customers (RIL).
- Near term outlook: Ramp up in utilisation of Mundra and Dahej LNG terminal.

STANCE

We like the GSPL owing to the (1) Robust volume outlook on the back of strong demand from CGD entities and the power sector (2) Smoothening of cyclicality in its earnings, post acquisition of a controlling stake in Gujarat Gas (3) Steady cash flows (FCF of Rs 38.73 bn over FY20-23E) from transmission business which will turn the company's position to a net cash one. We value the transmission business using Discounted Cash Flow (DCF) at Rs 150/sh. To this, we add Rs 97/sh as value of its investments in Gujarat Gas, Sabarmati Gas and other investments to arrive at the target price of Rs 247/sh.

Financial Summary (Standalone)

Year Ending March (Rs bn)	1QFY20	1QFY19	YoY (%)	4QFY19	QoQ (%)	FY19P	FY20E	FY21E	FY22E
Revenues	5.12	3.91	31.0	4.34	18.1	18.77	21.43	22.29	25.09
EBITDA	4.02	3.43	17.1	3.29	22.1	15.43	16.81	17.48	20.10
APAT	2.06	1.44	42.7	1.53	34.4	7.95	9.06	9.61	11.45
AEPS (Rs)	3.7	2.6	42.7	2.7	34.4	14.1	16.1	17.0	20.3
P/E (x)						14.9	13.1	12.3	10.3
EV/EBITDA (x)						9.1	8.0	7.4	6.1
RoE (%)						14.7	14.9	14.2	15.2

Source: Company, HDFC sec Inst Research

INDUSTRY	OIL & GAS
CMP (as on 05 Aug 19)	Rs 210
Target Price	Rs 247
Nifty	10,863
Sensex	36,700
KEY STOCK DATA	
Bloomberg	GUJS IN
No. of Shares (mn)	564
MCap (Rs bn) / (\$ mn)	119/1,690
6m avg traded value (Rs mr	n) 94

STOCK PERFORMANCE (%)

52 Week high /	Rs 21	7/149	
	3M	6M	12M
Absolute (%)	11.2	24.1	5.7
Relative (%)	17.0	23.8	7.9

SHAREHOLDING PATTERN (%)

	Mar-19	Jun-19
Promoters	37.65	37.64
FIs & Local MFs	20.97	22.81
FPIs	16.52	15.42
Public & Others	24.86	24.13
Pledged Shares	0.00	0.00
Source : BSE		

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Operating expenses (Opex) jumped 151% YoY owing to higher System Usage Gas (SUG) cost of Rs 130mn

The sequential rise of 8.5% in Opex is largely due to 37.6% increase in gas transmission charges Rs 452mn

Quarterly Financial Snapshot (Standalone)

(Rs. bn)	1QFY20	1QFY19	YoY (%)	4QFY19	QoQ (%)
Net Sales	5.12	3.91	31.0	4.34	18.1
Raw material and Traded Goods	0.00	0.00	-	0.00	-
Employee Expenses	0.13	0.09	47.0	0.15	(13.1)
Other Operating Expenses	0.97	0.39	151.3	0.90	8.5
EBITDA	4.02	3.43	17.1	3.29	22.1
Depreciation	0.49	0.45	9.1	0.48	2.8
EBIT	3.53	2.99	18.3	2.82	25.3
Other Income	0.08	0.05	40.2	0.08	(3.2)
Interest	0.48	0.58	(17.3)	0.50	(5.1)
PBT	3.13	2.46	27.1	2.39	30.8
Provision for tax	1.07	1.02	4.6	0.86	24.4
RPAT	2.06	1.44	43.1	1.53	34.4
APAT	2.06	1.44	42.7	1.53	34.4
REPS (Rs)	3.67	2.57	42.7	2.73	34.4
Adjusted EPS (Rs)	3.67	2.57	42.7	2.73	34.4

Source: Company, HDFC Sec Inst Research

Margin Analysis

	1QFY20	1QFY19	YoY (bps)	4QFY19	QoQ (bps)
Employee Expenses as % of Net Sales	2.50	2.23	27.2	3.40	(89.9)
Other Operating Expenses as % of Net Sales	18.97	9.89	908.0	20.65	(167.7)
EBITDA Margin (%)	78.45	87.77	(932.6)	75.90	121.86
Net Profit Margin (%)	40.22	36.92	330.2	35.34	488.3
Tax Rate (%)	34.12	41.49	(736.3)	35.90	(177.1)

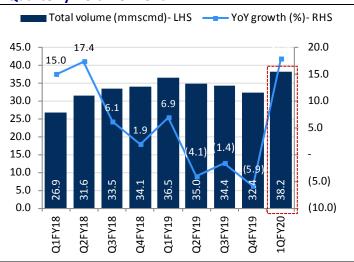


Volume increased 19.2% QoQ to 38.2mmscmd owing to (1) 26.8% jump in CGD demand (2) 24% increased in power and other industrial demand

GSPL's current volumes in Q2FY20 are at 40mmscmd as LNG prices are presently benign and demand from power plant continue

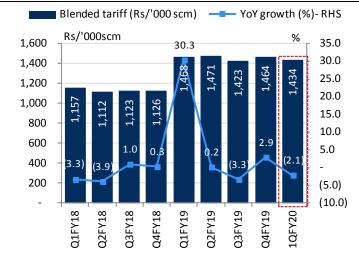
PNGRB has increased the final blended tariff of GSPL by ~27% in 1HFY19 from Rs 1,130/t scm to Rs 1,440/t scm

Quarterly Volume Trend



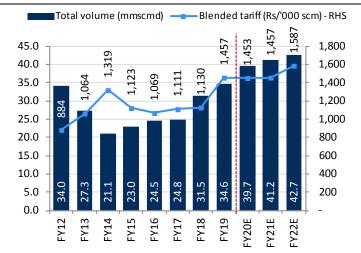
Source: Company, HDFC Sec Inst Research

Quarterly Blended Tariff Trend



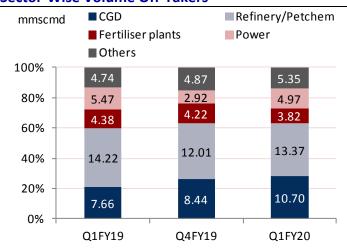
Source: Company, HDFC Sec Inst Research

Annual Volume And Blended Tariff



Source: Company, HDFC Sec Inst Research

Sector-Wise Volume Off-Takers





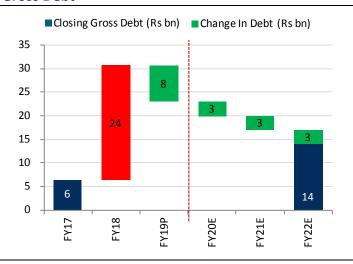
Gross debt rose by Rs 24bn in FY18 to Rs30.6bn post the GGL acquisition (highlighted in red). The company has reduced its debt by Rs 7.6bn in FY19 to Rs 22.9bn.We expect GSPL to repay ~Rs 3bn pa starting FY20E and reach ~Rs 14.0bn of gross Debt by the end of FY22E

GSPL should return to its net cash position in FY23E backed by healthy free cash flows of ~Rs 38.73bn cumulatively generated over FY20-23E

Returns spiked in FY19 post the revision in tariff

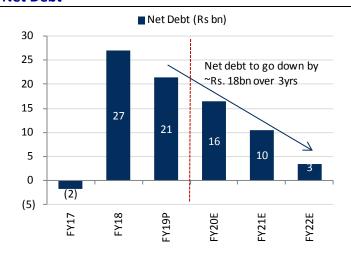
We expect RoIC to remain above 20% over FY20-23E

Gross Debt



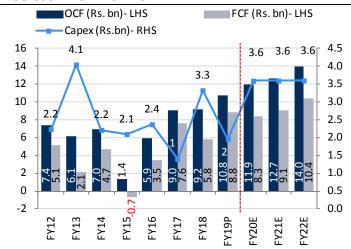
Source: Company, HDFC Sec Inst Research

Net Debt



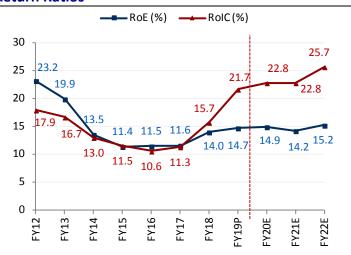
Source: Company, HDFC Sec Inst Research

Free Cash Flow To The Firm



Source: Company, HDFC Sec Inst Research

Return Ratios





We raise our volume assumption keeping in mind strong demand from CGD entities and the power sector

Assumptions

	FY20E	FY21E	FY22E
Volume			
Volumes (mmscm)	14,487	15,047	15,578
Total volumes (mmscmd)	39.7	41.2	42.7
Tariff			
Blended tariff (Rs/'000 scm)	1,453	1,457	1,587
Blended tariff (Rs/mmbtu)	38.53	38.65	42.11

Source: Company, HDFC Sec Inst Research

Changes In Estimates

Rs bn		FY20E		FY21E			
אל סוו	Old	New	%Ch	Old	New	%Ch	
Net Revenue	18.97	21.43	13.0	19.34	22.29	15.2	
EBITDA	15.28	16.81	10.1	15.48	17.48	13.0	
APAT	8.10	9.06	11.8	8.29	9.61	16.0	
AEPS (Rs/sh)	14.37	16.07	11.8	14.69	17.04	16.0	
Transmission tariff (Rs/'000scm)	1,435.6	1,452.5	1.2	1,435.6	1,457.2	1.5	
Volume (mmscmd)	35.64	39.69	11.4	36.48	41.22	13.0	

Source: HDFC Sec Inst Research



DCF Valuation Of Transmission Business

Particulars	Unit	FY19P	FY20E	FY21E	FY22E	FY23E	FY24E	FY25E	FY26E	FY27E
Volumes	mmscmd	35	40	41	43	43	44.0	44.9	45.8	46.7
Blended tariff	Rs/scm	1,457	1,453	1,457	1,587	1,587	1,025	1,025	1,025	1,025
Blended tariff	Rs/mmbtu	38.64	38.53	38.65	42.11	42.11	27.19	27.19	27.19	27.19
Total revenue	Rs mn	18,391	21,046	21,926	24,730	25,010	16,471	16,800	17,136	17,479
Opex as a % of revenue	%	17.8	21.5	21.6	19.9	20.4	20.4	20.4	20.4	20.4
EBITDA	Rs mn	15,113	16,515	17,198	19,811	19,899	13,105	13,367	13,635	13,907
Rate of depreciation	%	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5	4.5
Depreciation	Rs mn	1,800	2,025	2,165	2,304	2,444	2,615	2,798	2,994	3,204
EBIT	Rs mn	13,313	14,490	15,033	17,507	17,456	10,490	10,569	10,641	10,704
Interest	Rs mn	2,192	1,719	1,479	1,239	999	979	959	940	921
PBT	Rs mn	11,121	12,771	13,555	16,268	16,457	9,512	9,610	9,701	9,783
Tax	Rs mn	3,781	4,342	4,609	5,531	5,595	3,234	3,267	3,298	3,326
PAT	Rs mn	7,340	8,429	8,946	10,737	10,862	6,278	6,343	6,403	6,457
Working capital change	Rs mn	(592.93)	(216.02)	147.92	(193.94)	286.56	188.72	192.50	196.35	200.27
OCF (a)	Rs mn	10,739	11,957	12,737	14,086	14,591	10,060	10,292	10,533	10,782
Capex (b)	Rs mn	1,878	3,500	3,500	3,500	3,500	3,675	3,859	4,052	4,254
Free cash flow (a)-(b)	Rs mn	8,861	8,457	9,237	10,586	11,091	6,385	6,434	6,481	6,527
Risk free return	%	7.4								
Market risk premium	%	4.0								
Beta of the stock		0.9								
Cost of Equity	%	11.0								
Cost of Debt	%	7.6								
Weight of equity	%	81.8								
Weight of debt	%	18.2								
WACC	%	10.3								
NPV	Rs mn	41,533								
Terminal growth rate	%	0								
NPV of terminal growth	Rs mn	63,094								
EV	Rs mn	104,627								
Net debt	Rs mn	20,146								
Market cap	Rs mn	84,480								
Value of transmission business	Rs/sh	150								



Sensitivity Of Transmission Business To Terminal Growth Rate And WACC

		Terminal Growth Rate (%)			
		-2.0	0.0	2.0	
	8.0	157	179	215	
WACC (%)	10.3	136	150	170	
	12.0	124	134	149	

Source: Company, HDFC Sec Inst Research

P/E Based Valuation Of Gujarat Gas (Jun-21E)

	Unit	FY21E	FY22E
EPS	(Rs/ share)	11.7	14.1
Weight assigned	(%)	75	25
Weighted Average EPS	(Rs/ share)	12.3	
P/E Multiple	(x)	20	
Value per share	(Rs/ share)	246	
GSPL's share in Gujarat Gas	%	54.16	
Value of GSPL's stake in Gujarat Gas @50% discount	Rs/share	81	

Source: Company, HDFC Sec Inst Research

SOTP Valuation (Based On Jun-21E)

Business	Unit	Value	Valuation basis
Value of GSPL standalone business (A)	Rs/share	150	DCF valuation based method
Value of stake in Gujarat Gas (B)	Rs/share	81	50% discount to our P/E based target price
Value of Sabarmati Gas (C)	Rs/share	8	30% discount to EV/EBITDA valuation
Other investments (D)	Rs/share	8	At book value
Target price (Rs/share) (A)+(B)+(C)+(D)		247	

Source: Company, HDFC Sec Inst Research

Implied EV/EBITDA Calculation

	Unit	Jun-21
Market cap	(Rs mn)	84,480
Net debt	(Rs mn)	20,146
EV	(Rs mn)	104,627
EBITDA	(Rs mn)	18,136
Implied EV/EBITDA multiple	(x)	6

Source: Bloomberg, HDFC Sec Inst Research



Peer Set Comparison

	MCap	CMP	BECO	TP		EPS (Rs/sh) P/E (x)		P/BV (x)			ROE (%)									
	(Rs bn)	(Rs)	RECO	(Rs)	FY18	FY19P	FY20E	FY21E	FY18	FY19P	FY20E	FY21E	FY18	FY19P	FY20E	FY21E	FY18	FY19P	FY20E	FY21E
Reliance Industries	7,505	1,184	NEU	1,302	53.0	55.5	60.9	62.6	22.3	21.3	19.4	18.9	2.4	1.9	1.7	1.6	11.1	9.8	9.2	8.7
ONGC	1,686	134	BUY	189	15.9	21.2	20.6	21.1	8.5	6.3	6.5	6.4	0.9	0.8	0.8	0.7	10.5	13.5	12.3	11.8
Indian Oil Corp	1,240	135	BUY	190	22.8	18.4	18.2	21.1	5.9	7.3	7.4	6.4	1.1	1.1	1.1	1.0	19.9	15.4	14.7	15.8
BPCL	673	342	BUY	409	41.6	36.3	33.8	34.3	8.2	9.4	10.1	10.0	2.0	1.8	1.7	1.5	25.6	20.1	17.3	16.0
GAIL	577	128	BUY	206	10.2	13.8	13.6	15.0	12.6	9.2	9.4	8.5	1.4	1.3	1.2	1.1	11.7	14.8	13.3	13.5
HPCL	387	254	BUY	346	41.7	39.6	32.7	35.1	6.1	6.4	7.8	7.2	1.6	1.4	1.2	1.1	28.7	23.1	16.7	16.1
Petronet LNG	353	235	BUY	356	13.9	14.4	16.3	20.9	17.0	16.4	14.4	11.2	3.6	3.5	3.4	3.1	23.3	21.8	23.7	28.6
Indraprastha Gas	216	309	BUY	384	9.6	11.2	13.1	14.1	32.2	27.5	23.6	21.9	6.2	5.2	4.6	4.0	20.9	20.6	20.7	19.6
Oil India	168	155	BUY	232	24.6	33.4	32.2	32.6	6.3	4.6	4.8	4.8	0.6	0.6	0.5	0.5	9.4	13.0	11.8	10.7
Gujarat Gas	121	176	BUY	246	4.2	6.1	11.1	11.7	41.6	28.7	15.9	15.0	6.5	5.5	4.3	3.4	16.5	20.9	30.4	25.3
GSPL	119	210	BUY	247	11.9	14.1	16.1	17.0	17.7	14.9	13.1	12.3	2.3	2.1	1.8	1.7	14.0	14.7	14.9	14.2
Mahanagar Gas	78	790	BUY	1,104	48.4	55.3	56.7	58.1	16.3	14.3	13.9	13.6	3.7	3.3	2.9	2.6	24.3	24.3	21.9	19.9

Source: Company, HDFC sec Inst Research, * Fair Value



Standalone Income Statement

(Rs bn)	FY18	FY19	FY20E	FY21E	FY22E
Revenues	13.32	18.77	21.43	22.29	25.09
Growth %	29.6	41.0	14.1	4.0	12.5
Raw Material					
Employee Cost	0.43	0.65	0.72	0.78	0.85
Other Expenses	1.41	2.70	3.89	4.02	4.14
EBITDA	11.48	15.43	16.81	17.48	20.10
EBIDTA Margin (%)	86.2	82.2	<i>78.5</i>	78.4	80.1
EBITDA Growth %	29.2	34.4	9.0	4.0	14.9
Depreciation	1.75	1.80	2.03	2.16	2.30
EBIT	9.73	13.63	14.79	15.32	17.79
Other Income (Including EO Items)	0.73	0.59	0.64	0.71	0.78
Interest	0.35	2.19	1.72	1.48	1.24
PBT	10.11	12.03	13.71	14.55	17.33
Tax	3.42	4.08	4.65	4.94	5.88
RPAT	6.68	7.95	9.06	9.61	11.45
EO (Loss) / Profit (Net Of Tax)	-	-	-	-	-
APAT	6.68	7.95	9.06	9.61	11.45
APAT Growth (%)	34.6	18.9	14.0	6.1	19.1
AEPS	11.9	14.1	16.1	17.0	20.3
AEPS Growth %	34.6	18.9	14.0	6.1	19.1

Source: Company, HDFC Sec Inst Research

Standalone Balance Sheet

(Rs bn)	FY18	FY19P	FY20E	FY21E	FY22E
SOURCES OF FUNDS					
Share Capital	5.64	5.64	5.64	5.64	5.64
Reserves And Surplus	45.01	51.80	58.46	65.53	73.95
Total Equity	50.65	57.44	64.10	71.17	79.59
Long-term Debt	30.58	22.98	19.98	16.98	13.98
Short-term Debt	-	-	-	-	-
Total Debt	30.58	22.98	19.98	16.98	13.98
Deferred Tax Liability	4.98	5.23	5.33	5.44	5.55
Long-term Provision	0.43	0.65	0.68	0.71	0.73
TOTAL SOURCES OF FUNDS	86.64	86.30	90.09	94.29	99.85
APPLICATION OF FUNDS					
Net Block	31.14	36.07	37.12	38.03	38.81
Capital WIP	8.96	4.19	4.72	5.24	5.77
LT Loans And Advances	1.26	1.22	1.39	1.46	1.63
Total Non-current Investments	41.81	42.77	42.77	42.77	42.77
Inventories	1.23	1.28	1.47	1.52	1.58
Debtors	1.24	2.08	2.38	2.47	2.78
Cash and Cash Equivalent	3.65	1.58	3.60	6.51	10.56
Other Current Assets	0.19	0.29	0.33	0.35	0.39
Total Current Assets	6.31	5.24	7.77	10.85	15.31
Creditors	0.19	0.24	0.34	0.36	0.37
Other Current Liabilities & Provns	2.66	2.97	3.34	3.71	4.08
Total Current Liabilities	2.85	3.20	3.68	4.06	4.44
Net Current Assets	3.46	2.03	4.09	6.79	10.87
TOTAL APPLICATION OF FUNDS	86.64	86.30	90.09	94.29	99.85



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Standalone Cash Flow

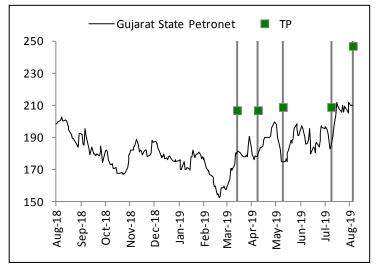
(Rs bn)	FY18	FY19P	FY20E	FY21E	FY22E
Reported PBT	10.11	12.03	13.71	14.55	17.33
Non-operating & EO Items	(0.73)	(0.59)	(0.64)	(0.71)	(0.78)
Interest Expenses	0.35	2.19	1.72	1.48	1.24
Depreciation	1.75	1.80	2.03	2.16	2.30
Working Capital Change	1.11	(0.59)	(0.22)	0.15	(0.19)
Tax Paid	(3.42)	(4.08)	(4.65)	(4.94)	(5.88)
OPERATING CASH FLOW (a)	9.16	10.75	11.94	12.70	14.02
Capex	(3.33)	(1.97)	(3.60)	(3.60)	(3.61)
Free Cash Flow (FCF)	5.83	8.78	8.35	9.09	10.41
Investments	(34.16)	(0.96)	-	-	-
Non-operating Income	0.73	0.59	0.64	0.71	0.78
Others	0.48	0.66	0.14	0.13	0.14
INVESTING CASH FLOW (b)	(36.28)	(1.67)	(2.81)	(2.76)	(2.69)
Debt Issuance/(Repaid)	24.27	(7.60)	(3.00)	(3.00)	(3.00)
Interest Expenses	(0.35)	(2.19)	(1.72)	(1.48)	(1.24)
FCFE	29.75	(1.00)	3.63	4.61	6.17
Share Capital Issuance	0.00	0.00	-	-	-
Dividend	(1.19)	(1.36)	(2.40)	(2.54)	(3.03)
FINANCING CASH FLOW (c)	22.73	(11.14)	(7.12)	(7.02)	(7.27)
NET CASH FLOW (a+b+c)	(4.38)	(2.06)	2.01	2.91	4.06
EO Items, Others					
Closing Cash & Equivalents	3.65	1.58	3.60	6.51	10.56

Source: Company, HDFC Sec Inst Research

Standalone Key Ratios

Standarone Key Natios	FY18	FY19P	FY20E	FY21E	FY22E
PROFITABILITY %					
EBITDA Margin	86.2	82.2	78.5	78.4	80.1
EBIT Margin	73.0	72.6	69.0	68.7	70.9
APAT Margin	50.2	42.3	42.3	43.1	45.6
RoE	14.0	14.7	14.9	14.2	15.2
RoIC	15.7	21.7	22.8	22.8	25.7
RoCE	9.7	10.9	11.6	11.5	12.6
EFFICIENCY					
Tax Rate %	33.9	33.9	33.9	33.9	33.9
Fixed Asset Turnover (x)	0.4	0.5	0.5	0.5	0.5
Inventory (days)	34	25	25	25	23
Debtor (days)	34	40	40	40	40
Other Current Assets (days)	5	6	6	6	6
Payables (days)	48	32	32	32	32
Other Current Liab & Provns (days)	73	58	57	61	59
Cash Conversion Cycle (days)	(48)	(19)	(18)	(22)	(22)
Net Debt/EBITDA (x)	2.3	1.4	1.0	0.6	0.2
Net D/E	0.5	0.4	0.3	0.1	0.0
Interest Coverage	0.0	0.2	0.1	0.1	0.1
PER SHARE DATA (Rs)					
EPS	11.9	14.1	16.1	17.0	20.3
CEPS	15.0	17.3	19.7	20.9	24.4
Dividend	1.0	1.1	2.0	2.1	2.5
Book Value	89.8	101.8	113.7	126.2	141.1
VALUATION					
P/E (x)	17.7	14.9	13.1	12.3	10.3
P/Cash EPS (x)	14.0	12.2	10.7	10.1	8.6
P/BV (x)	2.3	2.1	1.8	1.7	1.5
EV/EBITDA (x)	12.7	9.1	8.0	7.4	6.1
EV/Revenue (x)	10.9	7.4	6.3	5.8	4.9
Dividend Yield (%)	0.5	0.5	0.9	1.0	1.2
OCF/EV (%)	6.3	7.7	8.9	9.8	11.5
FCFF/EV (%)	4.0	6.3	6.2	7.1	8.5
FCFE/M Cap (%)	25.1	(0.8)	3.1	3.9	5.2

RECOMMENDATION HISTORY



Date	CMP	Reco	Target
14-Mar-19	180	BUY	207
9-Apr-19	179	BUY	207
10-May-19	175	BUY	209
9-Jul-19	183	BUY	209
5-Aug-19	210	BUY	247

Rating Definitions

BUY : Where the stock is expected to deliver more than 10% returns over the next 12 month period

NEUTRAL : Where the stock is expected to deliver (-)10% to 10% returns over the next 12 month period

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